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62141 Duplicate

BULBS AND

SEEDS

BARONNE DE LA TONNAYE

D·M·FERRY & CO.
DETROIT,
MICH.

MRS. POTTER PALMER

AUTUMN
1912

PRIDE OF HAARLEM



TERMS

Our Terms are strictly CASH WITH THE ORDER. Appreciating the satisfaction derived both from selling and planting only the best bulbs, we have taken great pains that everything on our list should be of strictly first class quality. Besides, we have made VERY LOW PRICES, quality considered, hence we must request our friends to ask no indulgence from us in the way of time, but to enclose funds with the order.

We Do Not Send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given, we can conceive of no necessity to warrant goods being so sent.

How to Send Money.—Remittances may be made AT OUR RISK by any of the following methods, viz: Postal Money Order, Draft on New York or Chicago, or Express Company's Money Order.

The rates charged for Postal Money Orders and Express Money Orders are now so low that these are the best ways to remit. We will bear the expense of sending money in either of these ways. Deduct the cost of the order from amount sent. Express Money Orders can be obtained at ALL offices of the principal Express Companies. They are CHEAP and ABSOLUTELY SAFE.

When Money Orders cannot be obtained, letters containing money should always be registered. Money in ordinary letters is UNSAFE. If currency is sent by express, the charges should be prepaid, and if Local Checks are used they must be certified.

Name and Address should always be given.—We frequently receive letters containing money and orders, which we cannot fill, because the sender has FAILED TO SIGN HIS NAME, or the P. O. ADDRESS is omitted, and the post-mark being blurred, we are unable to fill the order, no matter how much we desire to do so. Use our order sheet and envelope, whenever you can, filling out the blank and signing your name, and you will have no cause to censure us.

Postage and Express Charges.—ALL BULBS will be sent by Mail or Express, charges prepaid, when ordered at single or dozen rates. The 100 rates and over, are by Express or Freight at purchaser's expense, unless otherwise stated. *Not less than 6 of any one variety supplied at dozen rates, 25 at 100 rates and 250 at 1,000 rates.* SEEDS will be sent free by Mail, or Express, except as otherwise stated.

Substitution.—It sometimes occurs that our stock of some named varieties of Hyacinths or other bulbs becomes exhausted before the close of the season, in which case we shall take the liberty of substituting others similar in color and price, being equally as good, if not superior, to the ones ordered. Should any of our customers object to this course, they will please so state in their orders.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

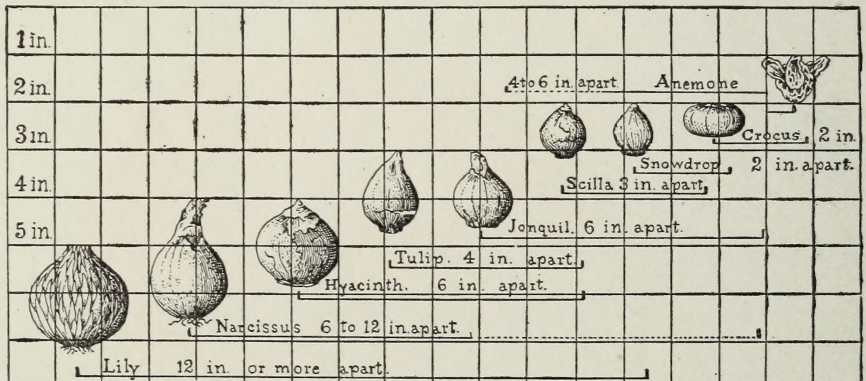
DETROIT, MICH., Sept. 1, 1912.

D. M. FERRY & CO.

Forward your orders as early in the season as practicable, before our stock becomes broken. We are ready to receive orders now, and expect to be able to execute them the latter part of September, excepting some Lilies and a few other sorts, which will not be ready for shipment till November.

All Commands will be Filled in the Order in which they are Received.

Bulbs indoors do not require such deep planting as indicated in the diagram, there being no danger from frost to guard against. Cultural directions for bulbs in the house are given in the pages following in connection with the various varieties.



INDEX

	PAGE		PAGE		PAGE
Allium Neapolitanum	17	Farm and Garden Imp'ts	25	Peonies	19
Anaryllis	17	Fleur de Lis	16	Plant Bed Cloth	25
Anemone	18	Flower Seeds	20-21	Ranunculus	19
Astibe	15	Freesia	16	Rape, Dwarf Essex	24
Bermuda Easter Lily	15	Funkia	17	Sacred Lily	13
Bleeding Heart	18	Grass Seeds	24	Scilla	19
Books	25	Hyacinths	2-5	Snowdrop	18
Chinese Sacred Lily	13	Iris	16	Spirea	15
Clover	24	Ixia	18	Sweet Peas	21
Colchicum	18	Jacobean Lily	17	Tulips	6-9
Crocus	13	Jonquils	12	Vegetable Seeds	22-24
Cyclamen	17	Joss Flower	13	Wind Flower	18
Day Lily	17	Lilies	14-15	Wood Hyacinth	19
Daffodils	10-12	Mushroom Spawn	23	Zephyranthes	17
Dielytra	18	Narcissus	10-12		
		Oxalis	18		

PRICE
Dollars
Cts.

ARTICLES WANTED

Number or
Quantity

From.....

P. O..... State.....

Put a
Two Cent
Postage
Stamp Here

D. M. Ferry & Co.,
Detroit, Mich.

1912 **D. M. FERRY & CO'S** 1912 **BULB CATALOGUE**

THESE pages include what we believe, from our long and extensive trials, to be an adequate list of the standard and most reliable Holland Bulbs that can be offered at prices within the reach of all readers.

To this end we have been striving for many years. Holland bulb growers tell us that nowhere else in America are made such extensive trials of Hyacinths, Tulips, Narcissi, etc., as are annually carried on by us at our Experimental Gardens, both out of doors and in the greenhouse. These trials are for the purpose of determining whether our bulbs are true to name and are of satisfactory growth under normal conditions. We as well as all other American importers have to take Holland bulbs upon faith. Our trial grounds' tests verify this faith. Moreover, they not only remove from the foreign grower and exporter any temptation to substitute different and inferior kinds which cannot be detected until planted, but lessen the danger of unintentional mistakes as well.

To aid those unfamiliar with the few cultural directions necessary we have prepared the chart on the opposite page. Ordinarily good garden soil and sufficient moisture are the only other requisites.

Now is the time to order. The cost is small and Ferry's bulbs are rich in satisfaction.



ARTUS (See page 7)

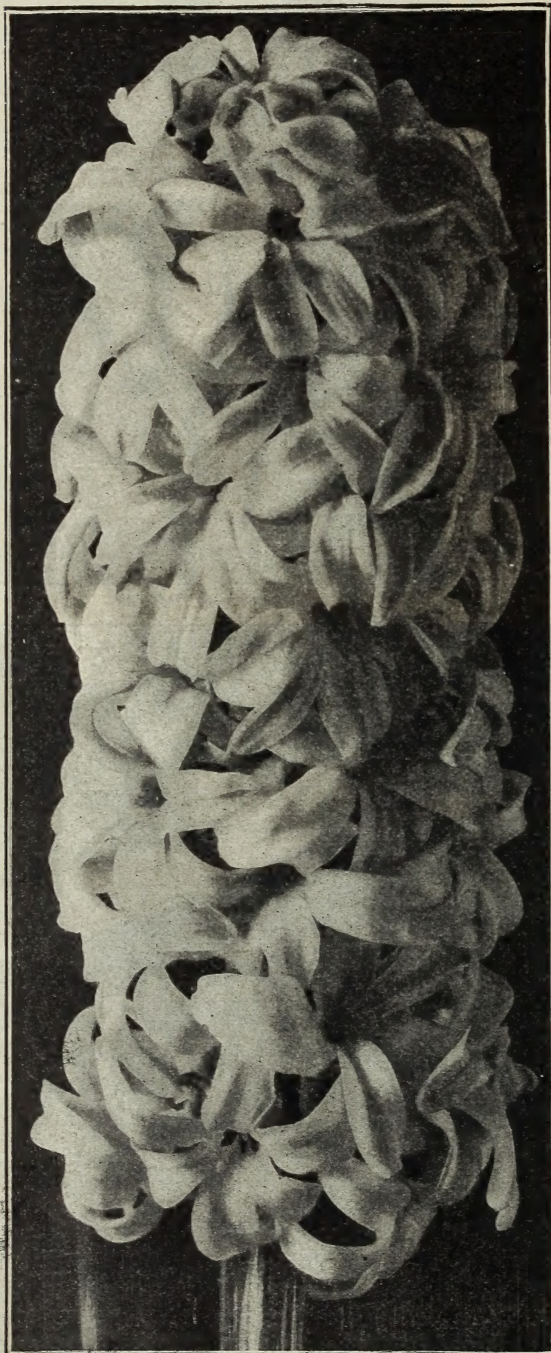


TULIPS IN BELLE ISLE PARK, DETROIT

HYACINTHS

Ready for delivery in September

The Hyacinth is so well and so favorably known that it is unnecessary to give any detailed description of its broad upright spike or truss usually thickly set with bell shaped flowers of beautiful wax-like texture. Through centuries of careful cultivation and selection it has been brought to a state of perfection which will scarcely be improved in any great degree. It succeeds well in the house and garden, adorning both with the varied colors and delicious fragrance of its showy flowers. Its culture is very simple and if attention is paid to the following directions, failure is almost impossible.



SPIKE OF SINGLE HYACINTHS

Pot Culture in the House—Plant from September to December in rich, sandy loam, in four or five inch pots, inserting the bulb so that its top will be just below the surface. Do not pack the soil in the pots, as the bulbs will be much less likely to push out when the root growth commences if the soil is loose. A splendid mass effect may be had by planting a considerable number of bulbs in a flat or window-box; all the bulbs should be of the same variety to insure blooming together. Water thoroughly and set the pots or boxes away in a cool, dark place for several weeks. If cold coffee is used occasionally instead of water, it will often increase in intensity the coloring of the flowers. Keeping in the dark will allow the roots to grow and become firmly fixed in the soil, when the plants can be brought into the light and will at once commence the top growth. By bringing the pots into the light at different times, something of a succession of bloom may be had. During their growth they should be kept near the light and at a temperature of 50 to 70 degrees and watered frequently. Where good garden soil is not readily procurable, bulbs can be very satisfactorily grown in sphagnum moss. A small quantity of some good fertilizer may be used.

Outdoor Culture in Beds or Borders—The bulbs may be planted almost any time from October until the ground is frozen solid, but it is advisable to purchase early, before our stocks are depleted. They succeed in any good, well drained garden soil which should be well spaded, and will be better if some well rotted manure is mixed through it. Set the bulbs so that the tops will be between three and four inches below the surface and six to ten inches apart. Pack a little sand under and about them if it is convenient, being careful that none of the manure comes in direct contact with the bulbs.

Before very severe weather comes on it is advisable to cover the beds with straw, leaves or manure, to protect them from severe cold during winter but care should be taken that this covering is not too thick and dense, as the bulbs are as likely to be injured by being kept too warm as by freezing. The covering should be removed as early in the spring as severe freezing is over and growth commences.

If the bulbs are taken up after they become well ripened and are stored in a cool dry place they will bloom the next season, but the difficulty of keeping them at the right temperature and moisture is so great in our climate that we cannot recommend the attempt. If they are left in the ground they will ordinarily produce some inferior flowers the next year. In most cases it will be more satisfactory to secure a fresh stock of large, finely grown bulbs each season.

Glass Culture—To grow in glasses, select dark colored glass, fill with water until the base of each bulb rests on the water and set away in the dark as directed for pot culture. Fill up the glass with water as fast as it evaporates. If the water becomes impure it should be changed and the roots well cleansed before putting in again. A small piece of charcoal put in the glass will keep the water pure much longer. After the roots have attained a good growth the glass can be brought into the light and placed in a cool room near a window. Give the plants plenty of light and as much fresh air as possible without a direct draught. Keep the glasses sufficiently full of water. Do not keep them in a close, warm room, nor about a fireplace. If removed out of the direct rays of the sun when in bloom the flowers will last longer.

SINGLE HYACINTHS

FIRST-CLASS SELECTED BULBS

All Single Hyacinths succeed well in glasses and when forced.

We consider the Single Hyacinths more useful and valuable than the double varieties. They are better for forcing, more vigorous in growth, and produce stronger spikes of bloom, which are generally of better substance and are at least as beautiful as those of the double sorts.

Single White

	EACH	DOZ.
Albertine (<i>new</i>) A handsome early pure white variety, good forcer.....	10	\$1 00
Baroness van Tuyll. Small pure white bells, close, dense spike. One of the oldest and most extensively grown early varieties.....	10	1 00
La Grandesse. Extra fine, pure white, splendid bells of great substance and grand spike.....	15	1 50
L'Innocence. Splendid, large open spike, very large bells, blush turning to pure white, early flowering. Equally good for forcing or bedding.....	15	1 50
Madam Mina. Pure white, very early, compact spike.....	10	1 00
Pavilion Blanc. Pure white.....	10	1 00

Single Blush White

Grandeur a Merveille. Blush white, very large, well formed spike, a popular old variety good for bedding and forcing..	10	1 00
La Franchise. Creamy white, large bells, very attractive, fine bedder.....	10	1 00
Madam van der Hoop. Almost pure white, good for bedding and growing in glass.....	15	1 50
Mr. Plimsoll. Ivory white, grand bells, very showy variety.....	12	1 25

Single Red

Garibaldi. Brilliant red, very early, splendid spike, much used for forcing..	15	1 50
General Pelissier. Deep, rich red, very early, compact, good for growing in glass, also fine bedder.....	12	1 25
Gertrude. Light red, large, compact attractive spike, extra fine, early.....	10	1 00
Robert Steiger. Deep red, tall, good spike; popular old variety.....	10	1 00
Roi des Belges. Bright scarlet, upright, well filled spike, splendid bedder; early.	12	1 25

Single Rose

Baron van Tuyll. Light pink, shading to lavender; good for forcing.....	10	1 00
Cardinal Wiseman. Rose, very attractive spike; splendid for growing in pots....	12	1 25
Gigantea. Very large, light pink flower in a long, very large, compact spike, extra fine.....	10	1 00
Grand Vainqueur. White, striped and shaded with rose, long spike, extra good for forcing.....	12	1 25
Jacques. Blush, broad loose spike, extra long truss.....	15	1 50

Single Rose—Continued

	EACH	DOZ.
Lady Derby (<i>new</i>) Splendid bright rose-pink, large bells and fine spike, excellent forcer and bedder.....	15	\$1 50
Ornament Rose. Large broad spike, large delicate light rose bells; good bedder..	12	1 25
Rosea Maxima. Very long spike, delicate rose, late but fine.....	12	1 25

Single Dark Blue

Baron van Tuyll. Brilliant dark blue, early, large, compact spike.....	12	1 25
King of the Blues. Rich dark blue, compact spike, bells medium large, fine for forcing or bedding. (<i>See cut, page 4</i>)..	12	1 25
Marie. Rich purple blue, extra good spike. Excellent for both forcing and bedding.....	10	1 00
William I. Dark blue, almost black, large spike, early, fine for forcing.....	15	1 50

Single Light Blue

Captain Boyton. Sky blue, large bells and truss.....	12	1 25
Enchantress (<i>new</i>) Delicate porcelain blue, very showy compact truss of large bells.....	15	1 50
Grand Lilas. Very large flowers, a very handsome shade of light blue, fine spike.	12	1 25
Grand Maitre. The earliest, deep porcelain blue, splendid color, most useful for bedding or forcing.....	10	1 00
La Peyrouse. Clear light porcelain blue, beautiful bells, fine either for bedding or forcing.....	10	1 00
Perle Brillante (<i>new</i>) Light blue, very large spike. Equally good for forcing and bedding.....	15	1 50
Pieneman. Very fine porcelain blue; large, broad truss.....	10	1 00
Queen of the Blues. Heavy, compact spike of light blue, not early, but one of the best of the light blues.....	15	1 25

Single Yellow

Herman. Deep orange yellow, early; an attractive shade.....	12	1 25
Ida. Fine pure yellow bells; tall spike; a popular, early forcer.....	15	1 25
King of the Yellows. A fine, pure yellow; not early, but handsome spike.....	15	1 25
McMahon. Pure yellow, not early; good broad spike.....	12	1 25
Yellow Hammer. Pure yellow, one of the best yellow hyacinths, especially for growing outdoors.....	12	1 25

Single and dozen prices include postage. Not less than six of any one variety supplied at dozen rates.

DOUBLE HYACINTHS

Our double hyacinths are of high grade, and can be depended upon to produce double flowers in a proportion unequalled in inferior grades; however, it is well known that there is always in the double varieties a tendency to produce single flowers. The double varieties marked (*) are desirable for forcing.

Double White

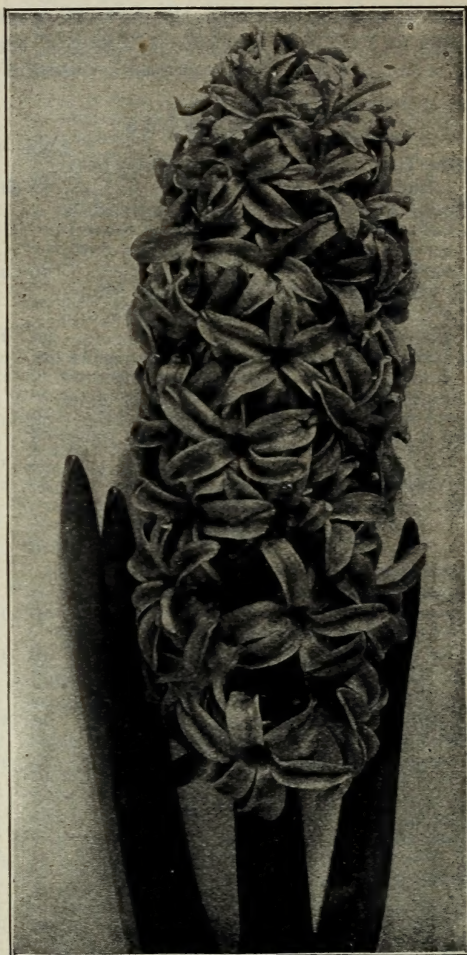
	EACH	DOZ.
Bouquet Royal. Creamy white, large... 12	\$1	25
Isabella. Blush white, strong bulb, very double large bells, grand spike..... 15	1	50
* La Tour d'Auvergne. Clear white, extremely early, tall spike and large bells. 10	1	00
* Prince of Waterloo. Creamy white, with rose center, large spike, very large bells; distinctly double (<i>See cut</i>)..... 12	1	25

Double Light Blue

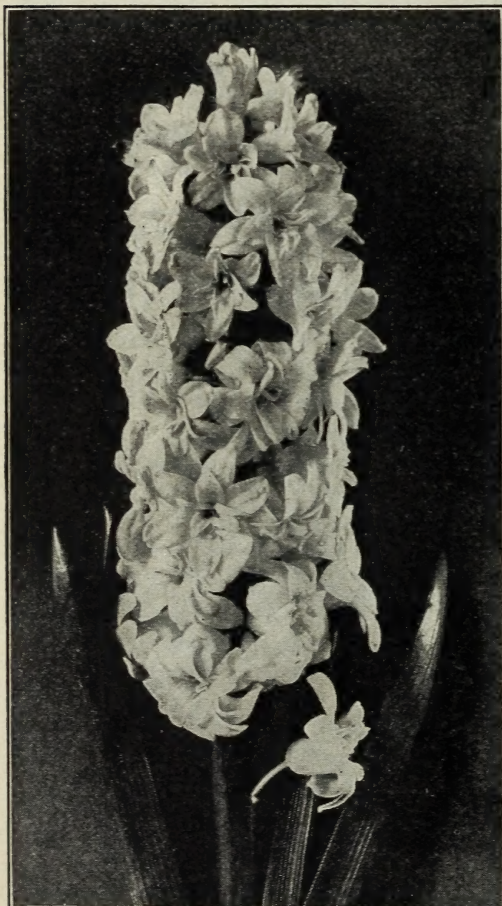
Bloksberg. Bright porcelain blue, semi-double, very good..... 10	1	00
* General Koehler. Bright blue, splendid forcer (<i>new</i>)..... 15	1	25

Double Dark Blue

* Garrick. Bright blue, large spike of double bells, early..... 10	1	00
* Van Speyk. Fine large double bells, lavender blue..... 12	1	25



KING OF THE BLUES (*See page 3*)



PRINCE OF WATERLOO

Double Red, or Rose

	EACH	DOZ.
Bouquet Royal. A fine rose..... 10	\$1	00
Chestnut Flower (<i>Kastanjebloem</i>). Extra large truss, delicate pink..... 12	1	25
Grootvorst. Fine light rose, large spike and bells, an old favorite..... 10	1	00
* Noble par Merite. Large very double bells, early, extra fine for forcing, a splendid red..... 12	1	25
President Roosevelt. Large, pink, compact spike (<i>new</i>)..... 15	1	25
* Prince of Orange. Semi-double, early, dark rose, very symmetrical..... 10	1	00

Double Yellow

Bouquet d'Orange. Semi-double..... 12	1	25
Sunflower. Light yellow, very double bells, compact spike..... 12	1	25

Single and dozen prices include postage. Not less than six of any one variety supplied at dozen rates.

SUPERFINE MIXED HYACINTHS

For Forcing or Open Air Culture

Our superfine mixtures of hyacinths, both single and double, are unexcelled for use where an effective display is wanted in the open air and are of such superior quality as to be entirely satisfactory to florists and others who use large quantities for forcing. They comprise the finest shades of color and must not be confounded with the cheap mixtures sometimes offered for outdoor planting.

	EACH \$0 06	DOZ. \$0 60	PER 100 \$3 25		EACH \$0 06	DOZ. \$0 60	PER 100 \$3 25
Single Pure White.....				Single, all colors.....			
Single Blush White.....	6	60	3 25	Double White and Blush			
Single Red.....	6	60	3 25	White	6	60	3 25
Single Rose.....	6	60	3 25	Double Red and Rose...	6	60	3 25
Single Dark Blue.....	6	60	3 25	Double Dark and Light			
Single Light Blue.....	6	60	3 25	Blue.....	6	60	3 25
Single Yellow.....	7	65	3 50	Double, all colors.....	6	60	3 25

FRENCH ROMAN HYACINTHS

A charming class of hyacinths, extensively grown by florists for winter flowering. It is a distinct species, a native of Greece, and is largely cultivated in the south of France. Each bulb gives three or four graceful flower spikes, and by successive plantings they can be had in flower from November to March. The flowers are more slender and somewhat smaller than the ordinary hyacinth, but are considerably earlier. Very popular on account of their delightful fragrance, earliness and profusion of bloom. The best effect is produced by planting four or five bulbs in one medium sized pot. They may also be planted outdoors, but are most valuable for early planting in the house. The colored Romans flower about two to three weeks later than the white. Our bulbs are of large size and will be sure to give the greatest satisfaction.

	EACH \$0 07	DOZ. \$0 60	PER 100 \$4 00
Early White Roman.....			
Light Rose	6	60	3 50
Dark Rose	6	60	3 50

DUTCH ROMAN, OR MINIATURE

These small bulbing varieties of Dutch Hyacinths, sometimes called Pan Hyacinths, are very suitable for growing in groups in pots, pans or boxes. Although the flowers are smaller than those of Dutch Hyacinths they are produced much more abundantly. Each bulb bears several very graceful flower spikes. Their delicious perfume, earliness and profusion of bloom make them unsurpassed for cut flowers. The selections we offer are made from the varieties giving the best flowers as well as forcing easily. If potted in October they can be depended on to bloom freely the latter part of January or in February.

	EACH \$0 05	DOZ. \$0 40	PER 100 \$2 50
Single Pink Dutch Roman.....			
Pure White Dutch Roman.....	5	40	2 50
Light Blue Dutch Roman.....	5	40	2 50

Single and dozen prices include postage. The 100 rate is by express, at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.



DUTCH ROMAN, OR MINIATURE HYACINTHS

TULIPS

Ready for delivery in September

It is difficult to conceive of anything more brilliant in color than a bed of good tulips. Their great variety of color, intense brilliancy and beautiful shading make them universal favorites. Another consideration in their favor is the ease with which they can be cultivated, only requiring good common garden soil to grow them to perfection. There are no bulbs which make such a rich and gorgeous display of blossom with so little care and cultivation.

The Dutch growers have so mastered the art of tulip culture that they are now able to offer bulbs at prices which bring them within the reach of all, and of a quality which leaves nothing more to be desired. The tulips we offer are among the most perfect of flowers in form, wealth of color and variety of markings.

The culture of tulips is the same as that of hyacinths, except that the bulbs should be planted about three inches deep and three to six inches apart. Tulips are perfectly hardy, so that only a slight protection is required from extremely cold and sharp winds.

Many of the single varieties force readily and have become great favorites in the house in midwinter. If potted in September and treated as directed for hyacinths they may be had in bloom in December. When they show a tendency to bloom just above the bulbs they must be kept longer in the dark to draw out the flower stems. A splendid effect is obtained by planting from three to a dozen bulbs in a medium sized pot.

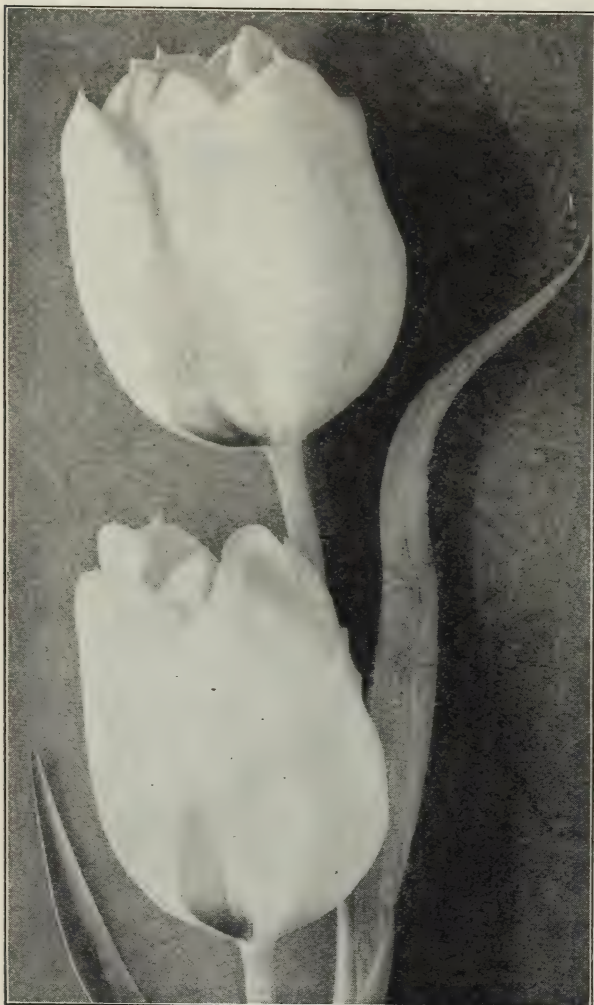
All single early varieties commence flowering two weeks in advance of other sorts of tulips and are admirably adapted to culture in pots, borders or beds.

SINGLE EARLY TULIPS

All suitable for growing in the Garden

Most varieties do well when grown indoors but those marked with a star (*) have been found most uniformly satisfactory for forcing.

The letter A, B or C following the name of a variety refers to its time of blooming when planted outdoors, A being the earliest, and those marked B coming into full bloom before those marked A are gone, and those marked C a few days later than the B class. The letter d, m or t (dwarf, medium or tall) indicates the comparative height grown outdoors. This will be found useful in selecting varieties for bedding.



QUEEN OF THE NETHERLANDS (See page 7)

WHITE EACH DOZ. 100

Jacoba van Beieren. *Bm.*
Pure white, medium size,
petals pointed, strong
stems, good bedder (*new*) 3 30 \$1 50

L'Immaculee. *Bd.* Pure
white, large, very early
flowers..... 3 30 1 50

***Pottebakker White.** *Am.*
Early, fine form, large
size, excellent forcer.... 4 30 2 00

***White Hawk.** *At.* Pure
white, large size, excel-
lent form and quite fra-
grant .. 4 35 2 50

ORANGE OR YELLOW

Chrysolora. *Bm.* Large,
pure golden yellow, excel-
lent for bedding; holds
its color well..... 3 30 1 50

Golden Queen. *Bt.* Very
large, clear golden yellow
flower of finest form,
good bedder (*new*)..... 5 50 3 75

***Mon Tresor.** *Bt.* Pure
light yellow, one of the
best for forcing; extra fine 4 35 2 00

Pottebakker. *Ad.* Pure
yellow, true; an old fa-
vorite..... 4 35 2 00

***Thomas Moore.** *Ct.*
Large, finely formed,
richly shaded, orange,
sweet scented..... 3 30 1 75

***Yellow Prince** (*Golden
Prince*) *Bt.* Bright yel-
low, sweet scented, large
and showy, fine bedder. 3 30 1 50

Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

SINGLE EARLY TULIPS—Continued

WHITE AND ROSE OR RED

EACH DOZ. 100

Cottage Maid (<i>La Precieuse</i>) <i>A d.</i> White bordered pink; the pink shading to carmine rose; a charming dwarf bedder....	3	30	\$2 00
Couleur Ponceau. <i>A t.</i> White ground, rosy-crimson border..	3	30	1 50
*Joost van Vondel. <i>B t.</i> Deep cherry red with white penciling, flowers of largest size, one of the finest (<i>See cut</i>)....	4	35	2 50
*La Reine (<i>Queen Victoria</i>) <i>A m.</i> White, faintly flushed with rose; fine forcer and bedder...	3	30	1 50
Queen of the Netherlands. <i>A m (new).</i> Superb rosy blush pink, magnificent early bedder, the largest flowered tulip we list. (<i>See cut, page 6</i>) ...	5	50	3 75
*Rose Gris de Lin. <i>C d.</i> White and delicate rose, shading to carmine.....	3	30	1 50
*Rose Luisante. <i>B m.</i> Beautiful white and rose of very attractive form; color quite distinct, unsurpassed for forcing and bedding	6	50	3 00
Standard Royal Silver. <i>B d.</i> Red, striped and feathered with white.	6	50	3 00
Wapen van Leiden. <i>B t.</i> White, center of petals shaded rose.....	3	30	1 75

RED AND ORANGE OR YELLOW

Bizard Verdict. <i>B m.</i> Bright red, bordered yellow, strong stiff stems, good bedder	3	30	1 50
Duchesse de Parma. <i>B t.</i> Orange-red, with yellow margin, very bright.....	3	30	1 50
*Keizerskroon. <i>C t.</i> Extra large deep red with broad, golden yellow border; fine bedder....	4	35	2 00

ROSE, SCARLET OR RED

EACH DOZ. 100

Artus. <i>C m.</i> Deep red, fine bold flowers, very fine for forcing and bedding. (<i>See cut, page 1</i>).....	4	30	\$2 00
*Belle Alliance (<i>Waterloo</i>) <i>B m.</i> True, large, brilliant scarlet, sweet scented, fine forcer and bedder....	4	35	2 00
*Couleur de Cardinal. <i>C t.</i> Brilliant crimson, strong upright stems, very fine for bedding.....	5	50	3 75
*Cramoisi Brilliant. <i>B m.</i> Scarlet, early forcer and good bedder	4	35	3 00
Crimson King. <i>B t.</i> Bright deep crimson, large and showy, easily forced.....	4	35	2 00
Dusart. <i>B m.</i> Bright scarlet, very large cup, desirable for bedding...	4	35	2 50
Pottebakker Scarlet. <i>B t.</i> Bright scarlet, good forcer.....	4	40	3 00

ROSE, SCARLET OR RED—Continued

EACH DOZ. 100

*Prince of Austria. <i>C t.</i> Orange-red, sweet scented, very large, fine forcer.	4	40	\$3 00
*Rembrandt. <i>B m.</i> Large, brilliant crimson, bordered with lighter shade.....	5	50	3 00
Van Berghem. <i>A m.</i> Deep cherry, fine form, long season.....	5	50	3 00
*Vermilion Brilliant. <i>B d.</i> Dazzling scarlet, very striking.....	7	70	4 00

VIOLET OR CARMINE ROSE

President Lincoln (<i>Queen of Violets</i>). <i>B m.</i> Clear violet, large flower.....	5	50	4 00
*Proserpine. <i>B t.</i> Silky carmine rose, forces easily, large flowering, extra fine form, fragrant, early....	5	50	4 00
*Van der Neer. <i>C m.</i> Beautiful violet, extra large, fine dark color	7	70	4 00



JOOST VAN VONDEL

Single and dozen prices include postage. The 100 rate is by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

DOUBLE TULIPS

Double Tulips are desirable for "carpet bedding," owing to their short growing habit and well distinguished colors. White, red and yellow sorts of about the same height, planted in lines of three or four rows of each color, form beds of surpassing beauty. Generally later in blooming than the single sorts and so serve to prolong the season of gorgeous beauty in the spring flower garden. Those sorts marked *A* indicate first early and *B*, second early flowering varieties. The letter *d*, *m* or *t* (dwarf, medium or tall) indicates comparative height when grown outdoors. The first early kinds also succeed well in pots.

Crown of Gold. *A t*. Golden yellow, shaded orange, large, handsome flower. 4c. each; 40c. per doz.; \$3.00 per 100.

Duke of York. *B m*. Red and white, very double. (*See cut*) 3c. each; 30c. per doz.; \$1.50 per 100.

Gloria Solis. *A m*. Deep scarlet, edged deep yellow, very large, stronger and better than Duc van Thol. 4c. each; 35c. per doz.; \$2.00 per 100.

Imperator Rubrorum. *A m*. Brilliant scarlet, very double, fine forcer. 5c. each; 50c. per doz.; \$3.50 per 100.

La Candeur. *B d*. Pure white, large, very fine dwarf for bedding with Rex Rubrorum. 4c. each; 40c. per doz.; \$2.50 per 100.

Le Blason. *A d*. White shaded rose, early, extra. 4c. each; 35c. per doz.; \$2.00 per 100.

Murillo. *A d*. Rose and white, large full double, fine forcer. 4c. each; 35c. per doz.; \$2.00 per 100.

Purple Crown. *A m*. Dark purplish red color, early. 4c. each; 35c. per doz.; \$2.00 per 100.

Rex Rubrorum. *B m*. Deep crimson - scarlet, large and showy, fine for bedding with La Candeur. 4c. each; 40c. per doz.; \$2.50 per 100.

Rose Blanche. *B m*. Pure white, good form, large 3c. each; 30c. per doz.; \$1.50 per 100.

Rosine. *A t*. White, tinged rose, semi-double, tall, fine forcer. 4c. each; 30c. per doz.; \$3.00 per 100.

Rubra Maxima. *B m*. Crimson-scarlet, early, fine large flower. 5c. each; 40c. per doz.; \$2.50 per 100.

Salvator Rosa. *A t*. White, flamed with deep rose, splendid early forcer and bedder, semi-double. 4c. each; 40c. per doz.; \$2.00 per 100.

Titian. *A t*. Brilliant deep red, yellow bordered, early and easy forcer. 4c. each; 35c. per doz.; \$2.00 per 100.

Tournesoll. *A m*. Bright red with yellow margin, a large, sweet scented flower; easiest double tulip to force. 5c. each; 50c. per doz.; \$3.00 per 100.

Tournesoll Yellow. *A m*. Golden yellow, shaded orange. 4c. each; 40c. per doz.; \$2.50 per 100.

Vuurbaak. *A m*. Deep orange-scarlet, large fine forcer. 4c. each; 40c. per doz.; \$2.50 per 100.



DUKE OF YORK

MIXED TULIPS

These Tulip mixtures are mainly intended for bedding, yet the single tulips are early and well adapted for forcing. We purchased especially for our Single Superfine Mixed and Double Superfine Mixed, named varieties to be combined by ourselves. These varieties were selected so as to afford mixtures that can be depended upon for evenness in time of blooming and for a splendid range of well balanced colors. There are no finer Tulip mixtures in America than these.

	DOZ.	100	1,000
Single Fine Mixed (best Holland Superfine Mixed).....	\$0 15	\$1 00	\$ 8 00
Single Superfine Mixed (our own combination of 19 named varieties).....	25	1 50	13 00
Double Fine Mixed (best Holland Superfine Mixed).....	15	1 00	9 00
Double Superfine Mixed (our own combination of 12 named varieties).....	25	1 50	12 50

Single and dozen prices include postage. The 100 and 1,000 rates are by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates; not less than 25 at 100 rates, and not less than 250 at 1,000 rates.

Single Late, or Show Tulips

For the Open Ground Only

These tulips remain in fine condition much longer than the earlier classes and are most desirable for brilliant and lasting displays. They usually grow to a height of two feet.

Byblooms. Fine mixed; variegated colors, blotched, striped or feathered, including violet, rose and other shades. 3c. each; 30c. per doz.; \$1.50 per 100.

Bouton d'Or (*Ida, Golden Beauty*) A beautiful golden yellow flower of medium size and excellent form; fragrant. 3c. each; 30c. per doz.; \$1.50 per 100.

Elegans Alba. White reflexed petals, margined carmine rose. 8c. each; 65c. per doz.; \$4.00 per 100.

Gesneriana Lutea. Mammoth flowers, rich golden yellow. 4c. each; 40c. per doz.; \$2.50 per 100.

Gesneriana, Spathulata (major). Very large, perfect form, the most brilliant scarlet imaginable with distinct bluish black base. 4c. each; 35c. per doz.; \$2.00 per 100.

Golden Crown. Fine yellow, red bordered, with long, distinctly pointed and curved petals. 3c. each; 30c. per doz.; \$1.50 per 100.

Isabella (*Shandon Bells, Blushing Bride*) Truly exquisite coloring, flower long, rather slender, but of very large size; creamy white, tinged with pink when first open, changing to white and carmine-rose. 4c. each; 35c. per doz.; \$2.00 per 100.

La Merveille. Extra large, fragrant; orange-red and carmine. 4c. each; 35c. per doz.; \$2.00 per 100.

Picotée (*Maiden's Blush*) Petals ivory white, bordered and tipped with carmine rose which gradually deepens. 3c. each; 30c. per doz.; \$1.50 per 100.

White Swan. One of the best whites, egg shaped flower. 4c. each; 35c. per doz.; \$2.50 per 100.

Darwin Tulips

For the Open Ground

Remarkably brilliant globular or cup shaped bedding tulips of large size, unsurpassed for May blooming. Flowers of finest form, borne on extremely long, strong stems, very desirable for cutting.

Baronne de la Tonnaye. Clear carmine rose, toning off to a soft pink; tall strong stems. 6c. each; 50c. per doz.; \$4.00 per 100.

Glow (*Claude Gillot*) Glowing vermilion. 7c. each; 65c. per doz.; \$4.00 per 100.

Gretchen. White, shaded light lavender rose, fine form. 4c. each; 40c. per doz.; \$3.00 per 100.

Loveliness. Vivid crimson scarlet with brighter border; very fragrant. 6c. each; 50c. per doz.; \$4.00 per 100.

Mrs. Potter Palmer. Deep purple, large size, fine form. 7c. each; 65c. per doz.; \$4.00 per 100.

Nautica. Deep carmine rose; largest size, finest form. 7c. each; 65c. per doz.; \$4.00 per 100.

Pride of Haarlem. Crimson carmine; large size; fine form. 7c. each; 65c. per doz.; \$4.00 per 100.

The Sultan. Very dark maroon, almost black. The darkest tulip we list. 4c. each; 40c. per doz.; \$3.50 per 100.

Fine Mixed. 4c. each; 40c. per doz.; \$3.00 per 100.

Rembrandt Mixed. Darwin tulips with striped or feathered flowers. 4c. each; 40c. per doz.; \$3.50 per 100.

Parrot Tulips

For the Open Ground Only

Brilliant shades of scarlet, crimson, yellow and green; variegated. Petals cut or fringed. Perfectly hardy.

	EACH	DOZ.	100
Crimson Brilliant , shaded.....	3	30	\$1 50
Perfecta , yellow, striped red....	3	30	1 50
Mixed	3	25	1 25



SINGLE LATE, OR SHOW

Single and dozen prices include postage. The 100 rates are by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

NARCISSUS, OR DAFFODIL

Ready for delivery in September

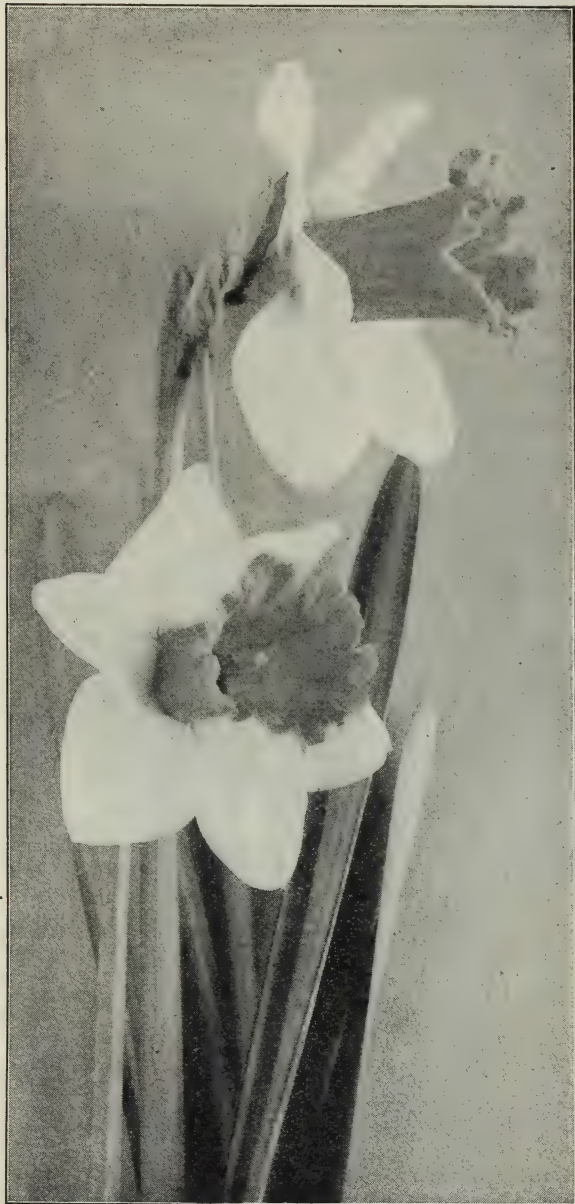
There are several quite distinct classes of Narcissus; the old yellow Daffodil, or Trumpet Narcissus, the white flowered Pheasant's Eye or Poet Narcissus, and the Polyanthus Narcissus. The first two are among the hardiest and most desirable plants of the garden, and give more satisfaction with less care than almost any other plant.

When once established they do not need to be reset for several years, and will thrive in almost any soil. A cool and grassy place is favorable for naturalizing. They are not only desirable for the garden, but equally so for the house. One to four bulbs set in a five-inch pot will bloom even in the smoky atmosphere of the city, where their beautiful color and delicate fragrance are doubly welcome.

The Polyanthus varieties need some protection through winter in the north, but will do finely without it in the south. They are exceedingly valuable for flowering in pots in the house. The Paper White Grandiflora and the Double Roman may be made to come into bloom in December, and this, with other varieties of Narcissus, will give a continuous succession of profuse bloom until spring. They thrive best in a cool temperature.

Pot as soon as received, in good turfy loam, but let no manure, rotted or otherwise, touch the bulbs. Set in a cool, dark room, and keep moderately moist for one or two months, so that they may root; then remove to the window or conservatory for flowering. Do not cultivate too strongly, as an extra vigor of growth is detrimental to the purity of the color of the flower. Plants usually twelve to sixteen inches high, depending upon conditions of growth and the variety.

In describing Narcissus reference is made to the "perianth" and "trumpet." The latter is the long center, funnel-shaped tube and the "perianth" is the outer row of petals or wings.



EMPEROR

Single Trumpet (Ajax) Narcissus, or Daffodil

The Ajax Narcissus or Large Trumpet Daffodils, both the all yellow sorts and the bicolor or "white winged" varieties, include some of the most elegant and beautiful of spring flowers. They are all of large size and much substance with spreading wing-like petals often from three to four inches across, and are gracefully poised on long stiff stalks.

EACH DOZ.

Bicolor Horsfieldi. Light creamy white perianth with large, fine yellow trumpet. This variety comes into bloom early, and is very stately and beautiful; grand for cutting.. 4 \$0 40

Bicolor Victoria. Broad creamy white perianth; rich yellow trumpet; delicately perfumed; fine and lasting bloomer, and a splendid forcer. Similar to Horsfieldi, but a stronger grower 5 50

Emperor. A magnificent flower of great substance, having an immense trumpet of clear golden yellow, and broad primrose yellow perianth, very early; splendid for forcing or planting out of doors (*See cut*) 5 50

Golden Spur. An extra large, bold, richly perfumed flower of robust habit, and unsurpassed for pot or garden culture. Distinguished by its large, spreading, deep yellow perianth and wide trumpet of golden yellow, very early and free flowering..... 5 50

Single and dozen prices include postage. Not less than six of any one variety supplied at dozen rates.

Single Trumpet Narcissus or Daffodil—Continued

Grandis (*Grande*, *Bicolor*) Pure white perianth, long bright light yellow trumpet. An extra large flower of splendid substance and desirable for cutting; rather late flowering. 5c. each; 40c. per doz.

Princeps (*Bicolor*) Sulphur colored perianth, with rich yellow trumpet; early and popular, both for forcing and outdoor culture. 5c. each; 25c. per doz.

Trumpet Major. Sometimes called Single Von Sion. Large, deep golden yellow, forces well and one of the hardiest for out of doors. 5c. each; 40c. per doz.



POETICUS

Poeticus (*Pheasant's Eye*, or *Poet's Narcissus*) Pure white perianth, orange cup, bordered scarlet; very fragrant; the popular late flowering sort and a good representative of the Poeticus group in which the perianth is always pure white and which has instead of a trumpet or crown, a very short, wide mouthed cup. (*See cut*) 20c. per doz.; 75c. per 100.

Poeticus Ornatus. Pure white, yellow cup, margin deep scarlet; nearly a month earlier than Poeticus; splendid forcer. It is not so sweetly perfumed as Poeticus but is larger, showier and earlier. 3c. each; 25c. per doz; \$1.25 per 100.

Single and dozen prices include postage. The 100 rates are by express, at purchaser's expense. Not less than 6 of any one variety supplied at dozen rates, and not less than 25 at 100 rates.



BARRI CONSPICUUS

SINGLE NARCISSUS WITH CUP-SHAPED FLOWERS

These representative varieties of single narcissus with rather short cup shaped trumpet of medium size are all splendid for cutting, and being very hardy are equally desirable for indoor and outdoor planting.

Barri Conspicuus. Large, light yellow perianth; short cup edged orange-scarlet, unexcelled for cutting. In this splendid daffodil the depth of crown is about one-fourth the length of its perianth petal. The best known and one of the most reliable of the Barri group. (*See cut*) 3c. each; 25c. per doz.; \$1.25 per 100.

Incomparabilis Sir Watkin (*Giant Welsh Chalice Flower*) Primrose perianth, with golden yellow cup. A magnificent variety, one of the best and most popular of the Incomparable group with characteristic crown considerably deeper than Barr's. Flowers the largest of the medium trumpet varieties, often five inches across. 5c. each; 50c. per doz.

DOUBLE NARCISSUS (DAFFODIL)

These hardy double daffodils are much in demand for outdoor bedding and borders and with the exception of *Albus Plenus Odoratus* they succeed well for indoor forcing. All are fine for cutting.

	EACH	DOZ.
Albus Plenus Odoratus (<i>Double Poet's Narcissus</i>) Pure white, many petals, gardenia-like, sweet scented, late; should be planted as early as possible. \$1.25 per 100.....	4	\$0 25
Incomparable (<i>Butter and Eggs</i>) Large very double flowers, light yellow and orange, fragrant, splendid for winter cut flowers or out of doors. \$1.25 per 100.....	4	25
Orange Phoenix (<i>Eggs and Bacon</i>) Creamy white and orange, large petals. \$1.50 per 100....	4	35
Von Sion (<i>First size</i>) The old, well-known Double Yellow Daffodil. Large, double, golden yellow, extra fine for forcing or outdoor culture. This is the true double trumpet shaped variety (<i>Telamonius plenus</i>), so largely used for cut flowers. (See cut) \$2.00 per 100.....	4	35

POLYANTHUS NARCISSUS

The beautiful Polyanthus or bunch-flowered varieties of *Narcissus* produce many small-crowned flowers, borne in clusters. They are very sweet scented but not as hardy as other kinds.

	EACH	DOZ.
Double Roman. Creamy white, with double orange-yellow center; very fragrant and free flowering. Often forced for winter cut flowers.....	3	30
Gloriosa. Creamy white, deep orange cup, extremely early and very floriferous.....	5	50
Grand Monarque. Broad white perianth, citron cup; fine large trusses. Three bulbs in an eight-inch pot will make a splendid display	5	50
White Pearl. Large, pure white flowers with creamy cups which soon change to pure white; very beautiful, fine for cutting.....	5	50



VON SION

Paper White Grandiflora

(*Giants*) Flowers pure snow white, desirable for their beauty and delicious odor; one of the best known of the bunch flowered *Narcissus* or *Polyanthus*. It forces admirably and flowers freely in dense clusters; will come into bloom as early as December; very popular.....

Fine Mixed, per 100 \$1.50 3 30

Single and dozen prices include postage. The 100 rates are by express at purchaser's expense. Not less than six of any one variety supplied at dozen rates, and not less than 25 at 100 rates.

JONQUILS

This very slender and graceful species of *Narcissus* is easily grown in house or garden, and is always a favorite for its rather small bright yellow, deliciously fragrant flowers, which are abundantly produced on stems about a foot long, each bearing a cluster of florets. They are very popular as cut flowers, and can be successfully grown by every one. Leaves quill-like, glossy dark green. Well suited for window plants, as the flowers seldom fail to expand and continue a long time in perfection. Most satisfactory outdoors when planted in large groups or masses. Culture same as given for *Narcissus*. Prices include postage.

Single. Yellow, deliciously sweet; florets are about one inch across. 3 cents each; 15 cents per dozen.

Campernelle. Single, large, yellow florets, about one and one-half inches across. 3 cents each; 15 cents per dozen.



CROCUS. KING OF THE WHITES

CROCUS

Ready for delivery in September

Among the earliest to blossom in spring is this beautiful little flower, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage and flower, it is a welcome visitor. The Crocus succeeds when grown in pots, and tolerably well in glasses, for which purpose the best named varieties should be selected. They present the best appearance, however, when grown in masses in a bed, for which large quantities should be used, say from one hundred to five hundred in a bed.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep.

Crocuses will care for themselves, blooming very early amid the grass and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. They may be planted with *Scilla Siberica*, the blossoms of these two earliest flowering bulbs showing very prettily together. The crocus should be planted in the autumn, in any good garden soil, about three inches deep and about two inches apart, if in beds or borders.

Indoors the crocus can be easily forced if growth is maintained at a low temperature. Plant from six to a dozen bulbs in a pot of ordinary soil, or in small glasses, keep cool, well watered and give plenty of fresh air. Crocuses may also be grown in water with a little sand in any shallow dish or plate. The bulbs should be placed close together and preferably only one variety on each plate.

CHOICE NAMED CROCUS

	DOZ.	100
Albion. Large, dark purple.....	\$0 10	\$0 70
Baron von Brunow. Light purple..	10	70
Cloth of Silver. Light blue and		
white striped.....	10	80
King of the Whites. Purest white.	10	70
Sir Walter Scott. White, with		
light purple stripes, variegated....	10	70

CHOICE MIXED CROCUS

	DOZ.	100	1,000
Mixed Yellow	\$0 10	\$0 70	\$6 00
Mixed White	10	50	4 00
Mixed Purple and Blue ..	10	50	4 00
Mixed Striped	10	50	4 00
Mixed, all colors	10	50	4 00

Single, dozen and 100 prices include postage. The 1,000 rate is by express, at purchaser's expense. Not less than 25 of any one variety supplied at 100 rates, and not less than 250 at 1,000 rates.

CHINESE SACRED LILY

Ready for delivery in September

Also called Joss Flower, "Shu Sin Far" or Water Fairy Flower. The flowers of this variety of Polyanthus are of a satiny white color with very fragrant golden yellow cups. It is the sort grown by the Chinese from time immemorial to decorate their sacred Temples or Joss Houses, on their New Year's day. By methods of culture original with them, they succeed in growing large solid bulbs which produce a profusion of bloom in an incredibly short time, usually not more than four to six weeks from the time of planting.

Being partially aquatic, this plant must have plenty of water. Chinese lilies are usually grown in bowls or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel or shells around them to keep them from falling over; fill the dish with water and set in a dark closet for a few days until the roots start freely, then bring them to the light and keep in any ordinary living room. A dozen bulbs started this way at intervals will give a succession of bloom throughout the winter.

The Chinese Lily bulbs offered by us are large, solid and well matured. They can be relied upon to be the true Chinese, which are superior to those grown elsewhere.

Price, 15 cents each; \$1.40 per dozen, postpaid. By express, at purchaser's expense, 10 cents each; 3 for 25 cents; \$1.00 per dozen. Original baskets of 30 bulbs each, \$2.00.



CHINESE SACRED LILY

LILIES

The lily, with eminent propriety, has been styled the "Queen of Flowers," and truly no flower is more expressive of the idea of queenly beauty and faultless purity than the lily. Too much cannot be said in its praise, and we are glad to notice its increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters, and many are among the most hardy of our garden flowers.

All the lilies on our list form stately and beautiful plants when grown in pots. The flowers are deliciously fragrant, very lasting, opening full to the last bud in water, and are admirably suited for table decoration, or for use in vases and glasses. The sorts best suited for forcing are: the Bermuda Easter Lily (*Lilium Harrisii*), *Lilium Candidum* and *Lilium Longiflorum*.

Culture Out of Doors—Their culture is simple, and with a little care success is certain. The bulbs should be planted, if possible, in the autumn, any time from first of October until the soil can no longer be worked; if in spring, they should be planted as soon as the frost is out of the ground—the earlier the better. In the south, where frost does not prevent, plant from October to March.

Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from four to six inches deep, according to size, surrounding them with sand so as to prevent any manure coming in direct contact with the bulbs. During the winter cover the surface of the bed with a thin layer of coarse straw manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In the spring the manure may be removed or dug in between the rows.

Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

Culture for Forcing in Pots—As early as the bulbs can be procured in autumn, from August to November, plant them in five or six inch pots, using a compost of one-half rich, loamy soil, one-quarter well rotted cow manure and one-quarter clean, sharp sand. This compost should just cover the bulbs and should be made firm by being pressed closely about them. Then place the pots in a cold frame, or insert them in a sheltered place in the garden, allowing the soil to cover the tops of the pots one to two inches, or place them in a cool room where there is no fire. Let them remain here until quite cold weather comes on and the pots are well filled with roots. Then remove to the greenhouse, conservatory or warm room, but force slowly, keeping the temperature moderately cool (about 60°) until the buds appear. Water only sparingly till then, but when the buds have set, increase the heat and water thoroughly. A little weak, clear manure water may be used with advantage two or three times a week, after the plants have commenced rapid growth. While in bloom keep the plants in a dry, airy, cool situation to make the flowers last longer.



LILIUM AURATUM

LILIUM CANDIDUM Ready in August

This is still one of the finest single clear white flowers in cultivation, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer if well cared for will give from five to ten magnificent flowers the first year, and under good cultivation will, after becoming well established, give from ten to fifty. Blooms usually in July and August. Height outdoors in the open usually three to four feet. It should be planted in the fall and usually blooms in June. Outdoors it thrives best where it can remain undisturbed for several years. Height outdoors in the open usually three to four feet.

15 cents each; \$1.50 per dozen, postpaid.

LILIUM AURATUM Ready in November

The peerless white Lily, queen of the garden. Also called Annunciation or Madonna Lily. Although old and common, this is still one of the finest single clear white flowers in cultivation and its rich perfume is very attractive. No garden, however small, should be without at least one plant of this beautiful variety. It should be planted in the fall and usually blooms in June. Outdoors it thrives best where it can remain undisturbed for several years. Height outdoors in the open usually three to four feet.

Large bulbs, 9 to 11 inches, 20 cents each; \$2.00 per dozen, postpaid.

LILIUM LONGIFLORUM Ready in October

The glorious gold-banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer if well cared for will give from five to ten magnificent flowers the first year, and under good cultivation will, after becoming well established, give from ten to fifty. Blooms usually in July and August. Height outdoors in the open usually three to five feet. We are sometimes unable to deliver this variety early enough in the fall for outdoor planting, but in that case the bulbs can be successfully put out in the spring.

Japan grown bulbs, 7 to 9 inches, 12 cents each; \$1.25 per dozen, postpaid.

Lilium Harrisii (The True Bermuda Easter Lily) Ready in August

The flower so commonly forced for Easter, and known as Easter Lily. The long, white, trumpet-shaped flowers are of delicious fragrance, and seem a fitting symbol for that day. Height out doors in the open usually two to three feet. If it is desired to have them in bloom by Christmas, the bulbs should be ordered as soon as you receive this catalogue and then planted as early as possible.

Large Bulbs, measuring 7 to 9 inches in circumference, and producing 3 to 5 flowers. 25 cents each; \$2.50 per dozen, postpaid.

Mammoth Bulbs, measuring from 9 to 11 inches in circumference, bearing 4 to 7 flowers, and sometimes, under high cultivation, as many as 20 flowers. 40 cents each.

Lilium Speciosum Ready in November

The famous Japan Lily. No words can overstate the brilliant beauty of this charming flower which usually blooms in August. Its six broad, white or pink petals are thickly dotted with rose or carmine spots and the graceful form, brilliant color and exquisite fragrance make this one of the most effective and desirable of the lily family. Height out doors in the open usually two to four feet. Can be planted in spring if received too late in fall.

Speciosum Album. Pure white flowers with a greenish band through the center of each petal. They are of great substance and very fragrant. One of the best for general culture. 15 cents each; \$1.50 per dozen, postpaid.

Speciosum Rubrum. The white or pink petals are thickly dotted with rose or crimson spots. 15 cents each; \$1.50 per dozen, postpaid.

Lilium Tigrinum Splendens

(Improved Tiger Lily)
Ready in November

Has very large flowers of excellent form; color orange-salmon with dark spots. Blooms usually from middle of July to middle of August. Height out doors in the open usually three to six feet. Can be planted in spring if received too late in fall.

12 cents each; \$1.25 per dozen, postpaid.

Lilium Tigrinum Flore Pleno

(Double Tiger Lily)
Ready in November

This magnificent lily is of stately habit, bearing immense clusters of very large, double flowers on tall, strong stems; color bright orange-red spotted with black. Blooms usually from middle of July to middle of August. Height out doors in the open usually three to six feet. Can be planted in spring if received too late in fall.

12 cents each; \$1.25 per dozen, postpaid.

SPIREA

(Astilbe)

Ready in November

One of the best hardy, herbaceous plants, particularly for cemetery purposes. It remains bright and beautiful when most every other plant has faded. The numerous long, feather-like spikes of small flowers of the purest white are very useful and highly esteemed for bouquets. When the clumps are planted in pots, no manure should be added to the earth, and no liquid manure should ever be applied to them when forcing.

Spirea Japonica. Fine, strong clumps. 15 cents each; \$1.25 per dozen, postpaid. *By express, at purchaser's expense, 65c. per dozen.*

Spirea Japonica, Compacta Multiflora. Of compact growth, good for early forcing, very floriferous. 20 cents each; \$2.00 per dozen, postpaid. *By express, at purchaser's expense, \$1.00 per dozen.*



LILIUM HARRISII

IRIS (FLEUR DE LIS)

Ready in October

This fine class of stately flowering bulbs, sometimes called "Garden Orchids," is rapidly growing in popularity. The blossoms are of rich and varied colors, quaint forms and delicate fragrance. Iris bulbs should be planted in rich, moist soil, and do better if protected by litter in winter. Set the bulbs in clumps two inches apart each way and three inches deep. Every third or fourth year they should be taken up and reset. Excepting *Anglica*, all of the varieties we offer are perfectly hardy, the life of each flower varying from three to six days. They keep well in water as cut flowers.

Anglica (English Iris)—This species has large flowers in shades of purple, violet, lilac, rose, pink and white, and a few of the varieties are spotted. It is necessary that the bulbs be planted as soon as they come to hand, as they will suffer if kept a long time out of the ground. Mixed varieties, 2 cents each; 20 cents per dozen, postpaid.



IRIS GERMANICA



FREESIA

Hispanica (Spanish Iris)—Dwarf and well adapted for pot culture. The flowers are of various shades of violet, yellow, blue and white. Mixed sorts, 2 cents each; 15 cents per dozen; 75 cents per 100, postpaid.

Germanica (German Iris)—This is the "Fleur de Lis," the national flower of France. Broad, graceful petals in exquisite shades of color are borne well above dark green foliage on stout, erect and branching stalks, generally comes into bloom in May or June. 4 cents each; 40 cents per dozen, postpaid.

Kämpferi (Japan Iris)—Distinct from all others, and never fails to excite admiration. Flowers often ten inches across, a marvelous blending of rich and rare shades of violet, blue, crimson, white and yellow, rarely seen except in most costly orchids. Very hardy and of easy culture, do best in damp soil and should be freely watered in dry weather. Blooms usually in July and if left undisturbed will flower each year in greater profusion. Mixed sorts, 6 cents each; 65 cents per dozen; \$3.50 per 100, postpaid.

FREESIA Ready in August

One of the most popular of the winter blooming bulbs. The flowers are white, borne in graceful clusters, last a long time and have a delightful fragrance. The bulbs force easily and will come into bloom in January and February in an ordinary greenhouse. They also grow well and bloom freely in an ordinary sitting room if placed near a window and not kept too hot. Will stand a slight freezing without injury. They appear to the best advantage when four or five bulbs are set in light, rich soil, in a 6-inch pot, kept in a warm, moist place until the plants are well started. Be careful to have good drainage. There is danger in watering too freely until the plants are in flower. The leaves and stalks are tender and it is desirable to support them with small stakes.

Freesia Refracta Alba, 3 for 5 cents; 20c. per dozen; \$1.25 per 100, postpaid.

AMARYLLIS Ready in October

For the open border, this genus furnishes some of the most useful bulbs. There are a great many species of Amaryllis, all producing lily-like flowers, but varying in color, from rich crimson and scarlet to pure white, and in size, from delicate blossoms scarcely an inch in diameter, to those six to nine inches across. *Prices include postage.*

Amaryllis Atamasco (*Zephyranthes Atamasco*) A native of Virginia and southward, where it is popularly known as the Atamasco Lily. Planted in warm, sandy soil, the bulbs increase rapidly and furnish a constant succession of delicately beautiful, very light pink or nearly white flowers, which are borne in clusters of three or four. Hardy, 3 cents each; 30 cents per dozen.

Amaryllis Belladonna Major. These plants do best in a warm, sunny, well drained place out of doors, where they can receive some protection in winter and remain undisturbed for several years; so treated they throw up great clusters of beautiful rosy-white flowers. Set bulbs as early in autumn as possible, surrounding and covering each bulb with clean sand and having the top about two inches below the surface. Protect from severe frosts, taking care that the covering is not such as will hold ice and snow. 15 cents each; \$1.50 per dozen.

Amaryllis Formosissima (*Sprekelia, Jacobean Lily*) This curious and attractive old garden favorite produces its flowers before the leaves appear. Each of the five narrow petals is three to four inches long and a very intense, rich scarlet color. The plants are readily grown, and although the bulbs are not hardy, they can be easily preserved during the winter in a dry cellar and planted in the open ground in the spring. May be grown in winter like hyacinths. 15 cents each; \$1.25 per dozen.

FUNKIA (DAY LILY) Ready in November

So well known as scarcely to need any description; they are hardy and of the easiest culture, but the soil should be rich and deep. The roots should be set out in the autumn to become well established and they will bloom the following spring. They need not be disturbed for many years, and will always be welcome for their graceful beauty and fragrance.

Funkia, Alba (White Day Lily), 10 cents each; \$1.00 per dozen, postpaid.

Funkia, Blue, variegated foliage, 10 cents each; \$1.00 per dozen, postpaid.

Allium Neapolitanum

Ready in September

Very valuable for winter blooming. The large clusters of white flowers keep in condition for several weeks. Place four to six bulbs in a 5-inch pot in well-drained, sandy loam, and start into growth at once. In potting, place a little charcoal or broken pottery for drainage, then fill the pot with soil and shake it down but do not pack it. Plant the bulb just deep enough so that its top will not show. Keep in the full sunlight and when the plants start give plenty of water.

2 for 5 cents; 20 cents per doz.; \$1.00 per 100 postpaid.

CYCLAMEN

Ready in September

For richness of coloring, variety and duration of bloom there is no common winter flowering plant so valuable as the Persian or greenhouse Cyclamen. In early fall the bulbs may be set in well drained five or six inch pots in which they are to flower. The soil should be equal parts of turf loam, sand and leaf mould. Keep in a cool, light place, watering lightly at first and then more freely, giving plenty of light and air. While a moist atmosphere is most suitable and the soil in the pots must not get dry when plants are growing, there is nothing more injurious to them than water, if it stands about the roots or if the soil becomes sodden. During the hot months the plant should be afforded some shade and kept as cool as possible. Before there is any danger from frost, they should be brought indoors and given plenty of light.

Cyclamens require light, air and a moderately low temperature.

Cyclamen Giganteum, mixed. This variety is characterized by very large flowers, beautiful foliage and profuse bloom. 20 cents each; \$2.00 per doz., postpaid.



CYCLAMEN

ANEMONE (Wind Flower) Ready in September

One of the most beautiful and showy flowers, exceedingly brilliant in color. Plant in October or November, four or five inches apart and cover one inch deep in a moist, rich, well drained soil, and then if well protected by leaves or litter, very beautiful flowers may be expected. Make the soil rich and water frequently in the spring.

If the weather is hot when anemones are in bloom, shade in day time and cover the ground with mulching to prevent the soil from becoming dry.

The bulbs may be kept till spring, when, if planted early, they will do well. For forcing indoors, put three or four roots in porous, rich soil in a five-inch pot. Keep the pots in a cool situation until the roots are well started, when they may be removed to the place where they are desired to bloom. *Anemone prices include postage.*

	EACH	DOZ.
Fulgens , single, dazzling scarlet.....	\$0 04	\$0 35
The Bride , single, pure white.....	2	15
Single Mixed	2	15
Double Mixed	3	25

COLCHICUM—AUTUMNALUM. Ready in September

A species of crocus, producing its flowers late in autumn. The following spring the plant throws up its foliage and ripens its seed. Six or eight flowers are produced from one bulb. Its culture is the same as given for crocus. It is hardy and will endure the coldest weather. The bulbs do better if left undisturbed for several years.

5 cents each; 50 cents per dozen, postpaid.

DIELYTRA (Bleeding Heart) Ready in November

Charming, hardy perennial plants with foliage much cut, blooming in the early spring. They require only the ordinary culture of border plants and like a rich, light soil. The flowers are a delicate pink color, graceful and produced in great abundance.

Dielytra Spectabilis, 15 cents each; \$1.50 per dozen, postpaid.

IXIAS Ready in September

These bulbs are worthy of more general cultivation as they are easily bloomed and their beautiful, delicately colored flower clusters always attract attention. Fill a 5 or 6-inch pot with sandy loam, insert six or eight bulbs, covering them about an inch deep. Place the pots in a cool, moderately damp place, where they will not freeze, and give but little water. When the flower spikes appear bring into a sunny place, give plenty of air and water, and rather low temperature.

Ixias, mixed varieties, 3 for 5 cents; 15 cents per dozen; \$1.00 per 100 postpaid.

OXALIS Ready in July

Bushy plants admirably adapted to house culture and very attractive as a window plant, as they flower freely, are in bloom a long time and are remarkably free from insects. The flowers are of various shades of yellow, pink, red and white, and are often very fragrant. Plant in pots, six or eight bulbs in a pot, in good rich soil and cover about one inch deep. They require an abundance of water during the growing season.

	EACH	DOZ.
Multiflora Alba , white.....	\$0 03	\$0 30
Bowii , clear red.....	3	30
Cernua Lutea , yellow.....	3	25
Deppei , light crimson.....	3	25
Versicolor , red, violet and white.....	3	25
Fine Mixed , 15 cents per dozen; 75 cents per 100.		

BERMUDA BUTTERCUP OXALIS

This valuable winter flowering bulb is a selection from *Oxalis Cernua*, cultivated in the favorable soil and climate of Bermuda, until it surpasses the type in strength, size and luxuriance of plant and flower. The flowers are a bright, buttercup yellow and are produced in wonderful profusion. This variety is particularly well adapted to shallow pots and hanging baskets because of its long blooming period.

4 cents each; 40 cents per dozen; \$2.00 per 100. *Oxalis prices include postage.*

SNOWDROP (Galanthus) Ready in September

Before the snow has disappeared and when there is no other sign of vegetable life, the Snowdrop is always welcome. Plant the bulbs in September or October to enable them to become well established before freezing weather. Set about two or three inches deep and one inch apart in clumps or triple rows; if planted singly they are not so conspicuous. *Snowdrop prices include postage.*

	DOZ.	100
Snowdrop, Double	\$0 25	\$1 50
“ Single	15	75
“ Elwesii Giant	15	75



ANEMONE



IXIAS

PEONIES—DOUBLE CHINESE

Ready in October

The Peony, of all the list of bulbous or tuberous-rooted plants, is perhaps the oldest and best known inhabitant of the flower garden. Peonies will do well in almost any garden soil, but the better enriched the soil, and the more liberal the space allowed for each plant, the more vigorous the growth. Fall is the best time to procure and transplant the roots, although this may be done in the spring. The plant is extremely hardy and will survive the coldest winters with little or no protection. The abundant dark green foliage is exceptionally clean and attractive. The gorgeous display of blooms in the month of June is simply unequalled, the flowers being perfectly double, many being very fragrant and all of immense size.

Crimson... 25 cents each; \$2.50 per dozen postpaid. **White.....** 30 cents each; \$3.00 per dozen postpaid.
Rose..... 25 " " 2.50 " " **Mixed.....** 25 " " 2.50 " "

By express at purchaser's expense, \$2.00 per dozen.

RANUNCULUS

Ready in September

Strikingly beautiful flowers, well adapted to pot culture in the house. The individual blossoms are about two inches in diameter, and perfectly double. The plants are not hardy and some pains must be taken to insure success when planted out in beds, but they will amply repay all care bestowed upon them. Like anemones, they do best planted in very rich soil, and should have a northerly site, protected from the sharp wind and too much sun. The beds should have good drainage, and the soil be light and warm. Plant three inches deep in October or November, and press the earth close around them. On the approach of cold weather, the beds should be thoroughly protected with leaves, litter or manure, which should be covered with boards, gradually removing the covering as the weather becomes warmer. Ranunculus bulbs are peculiarly shaped and should be handled carefully, but if kept quite dry when out of the ground, they will last almost any length of time. By keeping the bulbs till spring, and planting as early as possible, the danger of winter-killing can be avoided, and good results may be obtained.

For house culture, follow the directions given for forcing anemones, being careful to keep pots, after growth has commenced, in a cool, moist atmosphere.

The Turkish or Turban sorts are very showy and do very well indoors. The French kinds are very abundant bloomers, producing larger flowers than the Turban. They are of the most showy and striking colors. *Prices include postage.*

Double French Ranunculus, splendid mixed, very gorgeous colors. 15c. per doz.; 75c. per 100.

Turban Ranunculus, Hercules, white. 5c. each; 35c. per doz.

Turban Ranunculus, Merveilleuse, yellow. 3 for 10c; 25c. per doz.

Turban Ranunculus, Romano, scarlet. 3 for 10c.; 25c. per doz.

Turban Ranunculus, Seraphique, citron. 3 for 10c.; 25c. per doz.

Turban Ranunculus, Mixed. 20c. per doz.; \$1.00 per 100, postpaid.

SCILLA Ready in September

A beautiful class of small bulbs, with pink, white and blue flowers, following the Crocus in season; are entirely hardy and need not be disturbed oftener than once in three or four years. They will thrive in almost any garden soil, and should be planted in October or November, about two inches deep, and in clumps or masses, placing the little bulbs about an inch apart. The flowers appear in spring before the leaves, and when these come they should not be disturbed so long as they are fresh and green. The destruction of these leaves is almost the only thing likely to injure the bulbs. Scillas are well adapted to growing in pots or pans in the house, and treated in this way will flower in February. Place six to a dozen bulbs in a pot close to the surface of the soil; good gardener's earth is the best. Allow them to root in the cold before removing to the warmer room, and water as often as the earth shows dryness.

Scilla Campanulata

(Wood Hyacinth)

Pink, white or blue, in separate colors, 2 for 5 cents; 20 cents per dozen, postpaid.

Scilla Siberica

This is the best Scilla for forcing indoors, coming into bloom with Roman Hyacinths. The flowers are true ultramarine blue and are borne on graceful spikes of six to twelve blooms each. The bulbs are hardy and may be left in the ground for several years without taking up. This variety is very fine for edgings or planting in small beds. Their pretty star-shaped flowers appear in earliest spring and make a beautiful contrast with the Snowdrop and Crocus. 3 cents each; 30 cents per dozen; \$1.00 per 100, postpaid.



PEONIES

CHOICE FLOWER SEEDS

FOR FALL PLANTING

For Garden, Parlor, Conservatory and Greenhouse

Where the climate is not too severe, many hardy sorts of flower seeds succeed best if sown in the open border during August, September and October. Some hardy annuals, when sown late in the fall, so that the seeds will remain dormant in the ground during winter, will start earlier in the spring, thrive better and flower sooner than if sown in spring. Such hardy sorts as Columbine, Foxglove, Hollyhock, Pink, Sweet William, etc., that do not bloom until the second season, unless started very early in spring, are particularly recommended for fall planting. They should be sown early enough to make pretty good plants before very cold weather—say not later than the middle of September and where weather is at all severe the plants will need some slight protection. Then they will flower freely the next summer.

South of central Ohio, fall sowings are particularly to be recommended both for the hardy and half hardy varieties and we have marked with a star sorts which usually succeed in that section if conditions are at all favorable.

The balance of the list are too tender for out door fall planting, but include many tender varieties which may be sown in pots or shallow wooden boxes of finely sifted soil, for winter and spring blooming in the house. With a little care and at trifling expense for bulbs and seeds, a world of pleasure can be had from a few flowers in the house in winter.

Our Flower Seeds are all procured from the best sources in Europe and America and are of the very highest quality.

	PER PKT.		PER PKT.
*ALYSSUM. Sow outdoors in fall.		GLOXINIA, Hybrid Mixed. Green house perennial.	25
Sweet. Pure white.....	05	HELIOTROPE, Dark Varieties Mixed. Very fragrant.	10
Little Gem. Especially adapted for edgings..	05	*HOLLYHOCK. Sow in autumn in boxes and winter	
Golden (<i>Saxatile</i>).....	05	over in a cold frame.	
BEGONIA. For greenhouse and conservatory.		Double Pure White.....	10
TUBEROUS-ROOTED—		" Lemon Yellow.....	10
Single mixed.....	25	" Pink.....	10
Double ".....	35	" Blood-Red.....	10
FIBROUS-ROOTED—		" Deep Rose.....	10
Semperflorens alba. Blush white.....	15	" Choice Mixed.....	10
" rosea. Rose colored.....	15	Early Flowering, single and semi double.....	15
" Vernon. Brilliant rich red.....	15	*LARKSPUR (<i>Delphinium</i>). Sow outdoors in fall.	
CALCEOLARIA. For greenhouse and conservatory.		Double Dwarf Rocket. Mixed.....	05
Finest Hybrids, Mixed, very large.....	25	Formosum, deep blue.....	05
*CALLIOPSIS, <i>Lanceolata Grandiflora</i> (<i>Coreopsis</i>).		Elatum (<i>Bee Larkspur</i>).....	05
Hardy perennial. Sow seed in fall outdoors.....	10	LOBELIA. Charming pot plants may be obtained from	
*CANDYTUFT, Rocket (<i>Giant Empress</i>). White.....	05	seed sown in fall.	
*CANTERBURY BELL (<i>Campanula Medium</i>).		Emperor William. Clear intense blue.....	05
Single mixed.....	05	Queen of Whites.....	10
Double mixed.....	05	Crystal Palace. Bright deep blue.....	05
Calycanthemum Mixed.		Gracilis. Bright blue, white center.....	05
"The Cup and Saucer" sorts.....	10	*MATRICARIA EXIMIA GRANDIFLORA, fl. pl. (<i>Double</i>	
*CARNATION. In southern latitudes seed may be sown		<i>Feuerfew</i>). White, double flowers. Sow in fall	
outdoors in fall.		outdoors where climate permits.....	05
Double Red Grenadin.....	15	*MIGNONETTE. Seeds sown in fall bloom early in spring.	
Extra choice double mixed. Does best in pots.	15	Sweet. (<i>Reseda odorata grandiflora</i>).....	05
Marguerite. Many beautiful shades.....	05	Golden Queen. Golden yellow, very fragrant.....	05
Double Dwarf Vienna Mixed.....	10	Machet. Large red flower spikes.....	05
*CENTAUREA. Foliage plants, fine for pots.		Ruby. Coppery-red flower spikes.....	05
Gymnocarpa. Silvery foliage.....	10	*PHLOX DRUMMONDI (<i>Large Flowering</i>)—	
Candidissima. Silvery white.....	10	Alba. Pure white, very desirable.....	10
*CHRYSANTHEMUM. Sow outdoors in fall in the south.		Black Warrior. Very deep maroon.....	10
Coronarium, double white.....	05	Isabellina. Creamy yellow.....	10
Coronarium, double yellow.....	05	Kermesina Alba Oculata. Crimson, white eye.	10
Superb mixed double.....	25	Lilac. With white center.....	10
CINERARIA. For greenhouse and conservatory.		Rosea. Deep rose, with white eye.....	10
Choicest Mixed.....	25	Rosy Chamois. Deep salmon rose.....	10
Hybrida flore pleno, mixed.....	25	Scarlet. Maroon center.....	10
COLEUS, Finest Hybrids, Mixed. Beautiful bedding		Splendens. Crimson, pure white eye.....	10
plants, easily grown in house in winter.....	25	Violet. Deep violet blue with white eye.....	10
*COLUMBINE (<i>Aquilegia</i>). Sow outdoors in fall.		Extra Choicest Mixed.....	05
Hardy perennial.		*POPPY. Perennial varieties; sow outdoors in fall.	
Californica Hybrida. Single.....	10	Orientale. Very large, gorgeous scarlet.....	05
Mixed Double.....	05	Bracteatum. Very large, orange-crimson.....	05
CYCLAMEN Persicum, Mixed. Beautiful pot plants.....	15	PRIMULA SINENSIS (<i>Chinese Primrose</i>). Beautiful	
Persicum Giganteum, mixed. Very large.....	20	pot plants. Sow in summer to insure blooming	
Margaret. A clear white.....	25	the following winter.	
*DAISY. Plants bloom well in the house.		Cerulea. Light blue flowers.....	25
Double Mixed.....	05	Scarlet.....	25
" White.....	10	Choicest Fern Leaved mixed.....	25
" Rose. Known as <i>Longfellow</i>	10	Choicest mixed.....	25
FERNS. For house culture.		Double mixed.....	25
Fine Mixed.....	20	SMILAX (<i>Mysophyllum asparagoides</i>). Tender peren-	
Finest Species Mixed.....	5	nial indoor climber. Seed germinates very slowly.....	05
*FORGET-ME-NOT (<i>Myosotis</i>). Hardy perennial.		*SWEET WILLIAM. Hardy perennial. If sown in	
Alpestris, Blue.....	05	August will bloom the summer following.	
*FOXGLOVE (<i>Digitalis</i>). Splendid Mixed. Sow in fall.	5	Fine Mixed.....	05
Mammoth, Mixed (<i>Digitalis Monstrosa</i>).....	15	Mixed double. Many colors.....	05

PANSIES

If seed is sown outdoors in October the plants will bloom the following spring. Grown indoors they make a good winter blooming pot plant. The largest and best flowers are produced by young plants which have been grown rather slowly in a partially shaded situation, and in very rich soil; coolness and moisture are necessary.

PANSIES. LARGE FLOWERING—	PER PKT.	PANSIES. GIANT FLOWERING—	PER PKT.
Gold Margined.....	10	Bugnot's Very Large Stained Mixed.....	15
King of the Blacks. Probably the darkest		Emperor William. Deep blue; blotched darker.	10
flower grown.....	10	Ferry's Superbissima Blotched. Flowers very	
Meteor. Rich, velvety red or mahogany.....	10	large, brilliantly colored, distinctly superior.....	15
Pure yellow.....	10	Giant Flowering Parisian, mixed.....	10
Variegated and striped.....	10	Giant Trimardeau, mixed. The largest sort.....	10
Violet, white edged.....	10	Lord Beaconsfield. Very deep violet-purple,	
White.....	10	shading in upper petals to almost white.....	10
Choice Mixed. Large flowering sorts.....	05	Odier, or very large stained, mixed.....	15
Collection of eight splendid varieties.....	50	Extra Choice Mixed, very large size.....	10

SWEET PEAS

Splendid results are often obtained from sowing Sweet Peas in October or November. A perfectly drained soil so situated as not to be subject to too frequent or severe freezing should be selected, and the seed covered about three inches. **Extra Early Blanche Ferry** and **Earliest White** being the earliest known varieties, are excellent for growing indoors.

SPENCER VARIETIES

	PKT.	OZ.		PKT.	OZ.
APPLE BLOSSOM SPENCER. —Bright rose with primrose wings; very large, true Spencer form.....	\$0	10 \$0 25	FLORENCE MORSE SPENCER. —Delicate blush, pink margin, excellent for cutting.....	\$0	10 \$0 35
ASTA OHN. —Suffused lavender or tinted mauve..	10	25	GEO. HERBERT. —Rose-carmine of Unwin type..	10	25
AURORA SPENCER. —Orange rose, striped on white.....	10	25	GLADYS UNWIN. —Clear, light, bright pink. One of the best Unwins.....	05	10
BLANCHE FERRY SPENCER. —Beautiful pink and white; very large wavy standard and wings.....	10	40	HELEN LEWIS. —Large crimson-orange, with orange-rose wings. Unwin type.....	10	25
CAPTAIN OF THE BLUES SPENCER. —Purple with blue wings, lighter than Captain of the Blues.....	10	35	KING EDWARD SPENCER. —Brilliant crimson-scarlet, the best bright red Spencer.....	10	20
COUNTESS SPENCER. —Bright pink, very large.	10	20	MRS. ROUTZAHN. —Primrose and buff, shaded light rose at edges; largest size.....	10	25
DAINTY SPENCER. —White suffused and edged with pink, very free blooming.....	10	30	NORA UNWIN. —Pure white, finest Unwin type..	10	40
			OTHELLO SPENCER. —Beautiful deep maroon...	10	40
			PRIMROSE SPENCER. —Clear, distinct; very large; the best primrose yet developed.....	10	25
			WHITE SPENCER. —Pure white, very attractive..	10	50

RED STANDARD, WITH WHITE WINGS

	PKT.	OZ.
BLANCHE FERRY. —Bright pink standard and nearly white wings.....	\$0	05 \$0 10
EXTRA EARLY BLANCHE FERRY. —Standard deep rose pink, with nearly white wings.....	05	10

WHITE

DOROTHY ECKFORD. —Pure white.....	05	10
EARLIEST WHITE. —Very desirable for forcing..	10	15
EMILY HENDERSON. —A clear white flower.....	05	10
MONT BLANC. —Good form, clear white.....	05	15

LIGHT YELLOW

HON. MRS. E. KENYON. —Deep primrose.....	05	10
MRS. COLLIER. —Large, light primrose.....	05	15
QUEEN VICTORIA. —Light primrose.....	05	15

LIGHT PINK

AGNES ECKFORD. —Delicate light pink.....	05	15
COUNTESS OF LATHOM. —Beautiful cream pink.	05	10
DAINTY. —White, edged with light pink.....	05	10
KATHERINE TRACY. —Soft, but brilliant pink.	05	10
LOVELY. —Shell pink, tinged with yellow.....	05	10
PRIMA DONNA. —Brilliant yet soft pink.....	05	10
STELLA MORSE. —A peculiar warm salmon-pink.	05	10

ORANGE PINK

BOLTON'S PINK. —Orange pink, veined rose....	05	10
MISS WILLMOTT. —Orange-pink.....	05	10
ST. GEORGE. —The brightest of the orange-pinks; a wonderfully brilliant shade.....	05	15

SHADES OF RED

COCCINEA. —A bright cherry-red or cerise.....	05	10
E. J. CASTLE. —A carmine-rose Unwin, larger than John Ingman.....	05	15
FIREFLY. —Bright and intense crimson-scarlet..	05	15
HER MAJESTY. —A delicate rosy crimson color..	05	10
JOHN INGMAN. —Rose carmine, deeper veining..	05	10
KING EDWARD VII. —Bright crimson-scarlet....	05	15
LORD ROSEBERRY. —Magenta-rose.....	05	10
PRINCE OF WALES. —Brilliant red.....	05	10
QUEEN ALEXANDRA. —Brilliant scarlet.....	05	10
ROYAL ROSE. —Deep rose pink, wings lighter....	05	10
SALOPIAN. —Brilliant cardinal red.....	05	10

LAVENDER AND LIGHT BLUE

	PKT.	OZ.
COUNTESS OF RADNOR. —Beautiful lavender.....	\$0	05 \$0 15
DOROTHY TENNANT. —Warm violet or mauve.	05	15
FRANK DOLBY. —Lavender, of Unwin type, larger than Lady Grisel Hamilton.....	05	15
HELEN PIERCE. —Veined and finely mottled bright blue on white.....	05	15
LADY GRISEL HAMILTON. —Similar to Countess of Radnor, but nearer blue.....	05	15
LOTTIE ECKFORD. —Magenta-blue, shaded with lavender.....	05	10
MAID OF HONOR. —White, edging of blue.....	05	10
MRS. GEORGE HIGGINSON, Jr. —Clear lilac blue.	05	10
MRS. WALTER WRIGHT. —Rose-purple, changing to rich bluish-purple.....	05	15
ROMOLO PIAZANNI. —Rose-purple, changing to lilac and blue.....	05	10

BLUE AND PURPLE

CAPTAIN OF THE BLUES. —Bright purple-blue..	05	10
COUNTESS OF CADOGAN. —Darker than Navy Blue.....	05	10
DUKE OF WESTMINSTER. —Purple, shading to violet.....	05	10
FLORA NORTON. —The clearest blue.....	05	10
LORD NELSON. —Rich deep blue.....	05	10
NAVY BLUE. —A true blue.....	05	10

PINK AND RED STRIPES

AMERICA. —White, bright carmine markings....	05	10
AURORA. —Orange-salmon-pink over white.....	05	10
MRS. JOS. CHAMBERLAIN. —White, striped with bright rose carmine.....	05	10

PURPLE STRIPES

GRAY FRIAR. —Delicate heliotrope, tinged with darker shade.....	05	10
SENATOR. —Lavender, marked purple-maroon...	05	15

CLARET AND MAROON

BLACK KNIGHT. —One of the darkest varieties...	05	15
BOREATTON. —Rich, satin-like maroon.....	05	10
DUKE OF SUTHERLAND. —Violet, purple and indigo; large, hooded form.....	05	10
OTHELLO. —A very dark maroon, practically self colored, with almost black veining.....	05	10
STANLEY. —Beautiful, deep maroon.....	05	10

MIXTURES OF SWEET PEAS

CHOICE MIXED.—This mixture has been most carefully grown from our selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. *Packet 5c.; Oz. 10c.; ¼ lb. 25c.*

FERRY'S SUPERB MIXED.—We make up this mixture by combining in carefully considered proportions twenty-one separate named varieties, each the very choicest of its class. Nowhere else can one procure a more excellent mixture of finely formed and beautifully colored, large flowering Sweet Peas. *Packet 5c.; Oz. 15c.; ¼ Lb. 35c.*

SPENCERS MIXED.—In this magnificent mixture will be found a splendid range of colors of this comparatively new class. The flowers are of remarkably large size and wonderfully attractive form. *Packet 5c.; Oz. 20c.; ¼ lb. 60c.*

VEGETABLE SEEDS FOR FALL PLANTING

BRUSSELS SPROUTS—Sow in August and September.

	Pkt.	Oz.	2 Oz.	¼ Lb.	1 lb.
Improved Half Dwarf	\$0 05	\$0 15	\$0 25	\$0 40	\$1 50

CABBAGE—Sow in September and winter in cold frame.

FIRST EARLY SORTS

Early Jersey Wakefield	5	35	60	1 00	3 50
Charleston, or Large Wakefield	5	35	60	1 00	3 50
Copenhagen Market	10	75	1 25	2 00	7 00
Early Spring	Crop failed				

SECOND EARLY, OR SUMMER SORTS

Henderson's Early Summer	5	35	60	1 00	3 50
Early Dwarf Flat Dutch	5	30	55	1 00	3 25
Glory of Enkhuizen	5	35	60	1 00	3 50
All Head Early	5	50	85	1 50	5 00
Early Winnigstadt	5	30	55	1 00	3 00
All Seasons	5	30	55	1 00	3 25
Fottler's Early Drumhead, or Brunswick Short Stem	5	30	55	1 00	3 25
Succession	5	50	85	1 50	5 00

LATE, OR AUTUMN AND WINTER SORTS

The Warren, or Improved Stone Mason	5	35	60	1 00	3 50
Volga	5	30	55	1 00	3 25
Surehead	5	30	55	1 00	3 25
D. M. Ferry & Co's Premium Late Flat Dutch	5	30	55	1 00	3 25
D. M. Ferry & Co's Premium Late Drumhead	5	30	55	1 00	3 25
Hollander, or Danish Ball Head	5	50	85	1 50	5 00
Mammoth Rock Red, the best red cabbage	5	45	85	1 50	4 50
Savoy, Early Dwarf Ulm	5	25	40	75	2 50
Savoy, Improved American	5	25	40	75	2 50

CAULIFLOWER—Sow in frames in Sept. and October.

Early Snowball	¼ oz.	\$0.75	25	2 25	4 25	8 00	
Extra Early Dwarf Erfurt	¼ oz.	\$0.65	25	2 00	3 75	7 00	
Early Favorite			5	85	1 35	2 25	

COLLARDS—Georgia, Southern or Creole. Sow from Aug. to Oct. 5 10 20 30 1 00

ENDIVE—

Large Green Curled	5	15	25	40	1 35
Moss Curled	5	15	25	40	1 25
Ever White Curled	5	15	25	40	1 25
Broad Leaved Batavian	5	15	25	40	1 25

KALE, or Borecole—Sow in August or September.

Tall Green Curled Scotch	5	10	15	25	75
Dwarf Curled Scotch, or German Greens	5	10	15	25	75
Siberian, or Sprouts	5	10	15	25	75
German Dwarf Purple	5	10	20	30	1 00

LETTUCE—For winter, sow under glass from November to February.

CABBAGE, OR HEADING VARIETIES

May King	5	20	35	60	1 75
Boston Forcing	5	15	25	40	1 50
Early Tennis Ball	5	15	25	40	1 25
Salamander	5	15	25	40	1 25
Hubbard's Market	5	15	25	40	1 25
Mammoth Black Seeded Butter	5	20	35	60	1 75
Deacon	5	15	25	40	1 25
Big Boston	5	20	35	60	2 00
California Cream Butter, or Royal Summer Cabbage	5	15	25	40	1 25
Jersey Winter	5	15	25	40	1 50
Brown Dutch	5	15	25	40	1 25
Hanson	5	15	25	40	1 50

CURLED, OR LOOSE LEAVED VARIETIES

Grand Rapids	5	15	25	40	1 50
Detroit Market Gardeners' Forcing	5	15	25	40	1 50
Simpson's Early Curled	5	15	25	40	1 25
Ferry's Early Prize Head	5	15	25	40	1 35
Black Seeded Simpson	5	15	25	40	1 50
Denver Market	5	15	25	40	1 50
Tilton's White Star	5	15	25	40	1 50
Cos Lettuce (Romaine)	5	15	25	40	1 50

MUSHROOM SPAWN—

Pure Culture. Brick (about 1¼ lbs.) postpaid 35c; 5 bricks, not prepaid \$1.00

MUSTARD—Sow in August for fall use.

	Pkt.	Oz.	2 Oz.	¼ Lb.	Lb.
	\$0 05	\$0 10	\$0 10	\$0 15	\$0 40
White English.....	5	10	15	25	75
Southern Giant Curled.....					

ONION—

Extra Early Red	5	20	35	60	1 75
Large Red Wethersfield.	5	20	35	60	1 75
Southport Red Globe.....	5	25	40	75	2 40
Large Yellow Dutch, or Strasburg.....	5	20	35	60	1 75
Yellow Danvers.....	5	20	35	60	1 75
Yellow Globe Danvers.....	5	20	35	60	2 00
Michigan Yellow Globe.....	5	25	40	75	2 25
Southport Yellow Globe.....	5	25	40	75	2 25
Mammoth Yellow Spanish, or Prizetaker.....	5	20	35	60	2 00
White Portugal (<i>American Silverskin</i>).....	5	25	40	75	2 50
White Globe.....	5	30	55	1 00	2 75
Extra Early Barletta.....	5	20	35	60	2 00
Queen, true.....	5	20	35	60	2 00
Early Neapolitan Marzajola.....	5	15	25	40	1 50
Giant White Italian Tripoli.....	5	15	25	40	1 50
Mammoth Silver King.....	5	15	25	40	1 50

RADISH—For autumn, sow in August; for winter, in September.

Non Plus Ultra, or Early Deep Scarlet Turnip, Forcing.....	5	10	15	25	75
Prussian Globe.....	5	10	15	25	75
Early Scarlet Globe.....	5	10	15	25	80
Early Scarlet Turnip, White Tipped, forcing.....	5	10	15	25	80
Early Deep Scarlet, Olive Shaped, Short Leaf.....	5	10	15	25	75
Early White Turnip.....	5	10	15	25	75
Early Scarlet Turnip.....	5	10	15	20	70
Early Scarlet Turnip, White Tipped.....	5	10	15	25	80
French Breakfast.....	5	10	15	25	75
Crimson Giant Turnip.....	5	10	15	25	80
Half Long Deep Scarlet.....	5	10	15	25	85
Long Brightest Scarlet, White Tipped.....	5	10	15	25	75
Early Long Scarlet, Short Top, improved.....	5	10	15	25	75
Wood's Early Frame.....	5	10	15	25	75
Cincinnati Market.....	5	10	15	25	85
Improved Chartier, or Shepherd.....	5	10	15	25	75
Early Golden Yellow Oval.....	5	10	15	25	75
Icicle.....	5	10	15	25	80
Long White Vienna, or Lady Finger.....	5	10	15	25	80
White Strasburg.....	5	10	15	25	80
Early White Giant Stuttgart.....	5	10	15	25	75
Golden Globe.....	5	10	15	25	75
Large White Summer Turnip.....	5	10	15	25	80

WINTER VARIETIES

Scarlet China.....	5	10	15	25	80
Celestial.....	5	10	20	30	1 00
Large White Spanish.....	Sold out				
California Mammoth White China.....					
Round Black Spanish.....					
Half Long Black Winter.....					
Long Black Spanish.....	5	10	15	25	75

SORREL—

Large Leaved French.....	5	20	35	60	1 75
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SPINACH—Sow in August and September.

Savoy Leaved.....	5	10	10	15	40
Broad Flanders.....	5	10	10	15	35
Thick Leaved, Round Seeded.....	5	10	10	15	35
Improved Thick Leaved.....	5	10	10	15	35
Early Giant, Thick Leaved.....	5	10	10	15	40
Victoria.....	5	10	10	15	40
Long Season.....	5	10	10	15	45
Long Standing.....	5	10	10	15	35
Long Standing Prickly.....	5	10	10	15	40
Prickly Winter.....	5	10	10	15	35
New Zealand.....	5	10	20	30	1 00

TURNIP—

Extra Early White Milan.....	5	15	25	40	1 25
Extra Early Purple Top Milan.....	5	15	25	40	1 25
White Egg.....	5	10	15	25	75
Early White Flat Dutch, Strap Leaved.....	5	10	15	20	65

TURNIP—Continued.

	Pkt.	Oz.	2 Oz.	¼ Lb.	Lb.
Early Purple Top, Strap Leaved	\$0 05	\$0 10	\$0 15	\$0 20	\$0 65
Purple Top White Globe	5	10	15	20	65
Cow Horn, or Long White	5	10	15	25	75
Large White Norfolk	5	10	15	20	70
Pomeranian White Globe	5	10	15	20	70
Sweet German	5	10	15	20	70
Seven Top	5	10	15	20	65
Southern Prize	5	10	15	20	70
Large Amber Globe	5	10	15	20	65
Yellow Globe	5	10	15	20	65
Yellow Stone	5	10	15	25	75
Orange Jelly, or Golden Ball	5	10	15	20	70
Purple Top Yellow Aberdeen	5	10	15	20	65

RUTA BAGAS, OR SWEDES.

American Purple Top, or Improved Long Island	5	10	15	20	60
Bangholm	5	10	15	20	50
Carter's Imperial Purple Top	5	10	15	20	50
D. M. Ferry & Co's Improved Purple Top Yellow	5	10	15	20	50
Drummond's	5	10	15	20	50
Hall's Westbury	5	10	15	20	50
Hartley's Bronze Top	5	10	15	20	60
Laing's Purple Top, Strap Leaved	5	10	15	20	60
Monarch, or Tankard	5	10	15	20	60
Perfection White	5	10	15	25	75
Skirving's King of Swedes	5	10	15	20	50
Sutton's Champion	5	10	15	20	50
Universal, or Canadian Gem	5	10	15	20	60
White Swede, or Sweet Russian	5	10	15	20	50
Yellow Swede	5	10	15	20	50

A Beautiful Lawn

There is nothing which adds more to the external attractiveness of a home than a beautiful lawn. You may have such by providing the right conditions. These are:

First.—A rich, properly prepared soil. If the ground is naturally rich, all that is necessary is that it be well spaded, making it as fine and mellow as possible. If, as is often the case, it consists of the earth from the excavation for the house, or is hard and lumpy, it should first receive a good dressing of manure which should be spaded in, mixing it with the soil which should be made as fine and free from lumps as possible. It should then stand for a few days and if possible until after a good rain, when it should receive a second dressing of manure and be again spaded, making it fine and free from lumps to the depth of at least a foot. In some cases it may be necessary to repeat this a third and even a fourth time. In any case the surface of the soil should be made as fine and smooth as possible before sowing the seed.

Second.—We must have good seed of the right varieties. Some sorts are the most luxuriant in spring, others in summer and still others in autumn and a wise selection of varieties in proper proportions is very important. We have given much thought and made many experiments to secure the best selection and think our Central Park Mixture the best possible combination to secure a fine lawn.

Third.—It is important that the seed be properly planted. It should be sown at the rate of from 60 to 100 lbs. to the acre. The more freely the seed is used the quicker a thick, velvet-like turf may be secured. One pound of seed will be sufficient for 600 square feet. It may be sown in early spring or in the fall, but if at the latter time it should be early enough to allow the plants to get well started before the ground becomes frozen. The surface having been freshly raked, sow the seed as evenly as possible and rake it in, following if possible with a roller. Having secured a good growth, it should be kept close and velvet-like by repeated cutting, and if necessary, watering.

Grass Seeds

	Per lb.	Per 100 lbs.		Per lb.	Per 100 lbs.
Rhode Island Bent Grass	\$0 50		Sheep's Fescue	\$0 45	
Creeping Bent Grass	50		Meadow Fescue, or English Blue Grass	45	Prices
Red Top, Unhulled Fancy (free from light chaff)	30		Perennial Rye Grass	25	on
Red Top (fancy, cleaned from chaff)	45		Timothy	35	Applica-
Tall Meadow Oat Grass	40	Prices	Wood Meadow Grass	75	tion.
Awless Brome Grass	30	on	Kentucky Blue Grass (fancy clean)	50	
Orchard Grass	40	Applica-	Fine Mixed Lawn	40	\$25 00
Hard Fescue	45	tion.	Extra Fine Mixed Lawn, Central Park		
Red or Creeping Fescue	50		Mixture	50	35 00
Tall Fescue	55		Shady Lawn Mixture	75	
			Mixtures for Golf Links		Prices on application

Clover

	Per lb.	Per 100 lbs.		Per lb.	Per 100 lbs.
Alfalfa, or Lucerne Clover	\$0 45	Prices	Mammoth, or Large Red Clover	\$0 45	Prices
Alsike, or Swedish Clover	40	on	Medium Red, or June Clover	45	on
Crimson Trefoil, or Scarlet Italian Clover	40	Applica-	White Dutch Clover	60	tion

Rape

Dwarf Essex, for Sowing. There is but one variety of Rape that has proven profitable to sow in America, and that is the Dwarf Essex. There is no plant that will give as heavy a yield of forage at such a small cost as this and its general cultivation would add largely to the profits of American farms. Especially valuable for manuring and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Biennial.

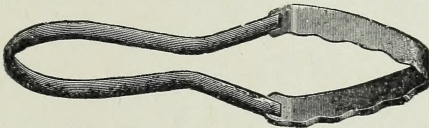
Sow broadcast on well prepared soil, using from 1 to 5 lbs. seed per acre. 1 lb. 25 cents; 10 lbs. \$1.25; per 100 lbs. \$7.50

Prices of Grass Seeds, Clover and Rape subject to change. The pound prices include postage; 10 and 100 pound prices are by freight or express at purchaser's expense.

Farm and Garden Implements

BOXED AND DELIVERED AT DEPOT OR EXPRESS OFFICE IN DETROIT, MICH.

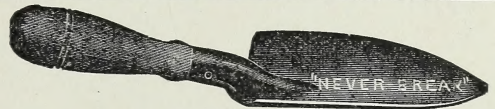
Matthews' New Universal Garden Drill No. 17	\$ 6.25	"Planet Jr." No. 1, Combined Drill, Seeder, Wheel Hoe, Cultivator and Plow	\$ 9.50
" " " " "Hill and Drill" Seeder No. 16	7.00	" " No. 4, Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow	11.00
" " " " "Constellation, No. 19	8.00	" " No. 4, Hill and Drill Seeder, Plain (as a Drill only)	9.00
New Universal Combination Hill and Drill Seeder No. 22	9.25	" " No. 25, Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow	13.50
" " Double Wheel Hoe, Cultivator, Plow and Rake No. 14	5.00	" " No. 2, Drill Seeder	7.50
" " Double Wheel Hoe, No. 15	3.50	" " No. 5, Hill and Drill Seeder	13.00
" " Single Wheel Hoe, Cultivator, Plow and Rake, No. 11	4.50	" " No. 11, Double Wheel Hoe	9.00
" " Single Wheel Hoe, No. 13	2.75	" " No. 12, " " " "	7.00
" " Expansion Double Wheel Hoe, Cultivator, Rake and Plow No. 24	6.00	" " No. 13, " " " "	4.75
" " High Arch Expansion Wheel Hoe, Cultivator, Rake and Plow, No. 26	7.50	" " No. 16, Single Wheel Hoe	5.85
" " Single Wheel Hoe, Cultivator and Plow, No. 12	4.00	" " No. 17, " " " "	5.00
Hand Wheel Plow, No. 10	1.75	" " No. 18, " " " "	3.50
		" " No. 19, " " " "	3.75
		The Iron King Seed Drill	8.00
		" " " " " " with Fertilizer attachment ..	19.00



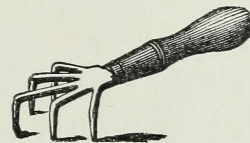
The Christy Garden Weeder
Price 25 cts., Postpaid.



Hazeltine Hand Weeder and Scraper
Price 25 cts., Postpaid.



Never-Break Solid Forged Steel Garden Trowel
6 Inches Long. Hardwood Handle. Superior in Style, Finish and Quality. Price 25 cts., Postpaid.



Excelsior Weeding Hook
Price 20 cts., Postpaid.

PLANT BED CLOTH

Medium Grade, 20 yards or over, 10 cents per yard } At purchaser's expense for transportation
" " 60 " " 9 " " " }

BOOKS

SENT POSTPAID ON RECEIPT OF PRICE.

FARM, GARDEN, FRUITS, FLOWERS, ETC.

American Farm Book, by L. F. Allen	\$2 00	Method of Making Manures, by Geo. Bommer	paper \$0 25
Cabbages, Cauliflower, etc., by C. L. Allen	50	Mushroom Culture	paper 35
Dairying for Profit, or the Poor Man's Cow	50	Mushrooms; How to Grow Them, by Wm. Falconer	1 00
Every Woman Her Own Flower Gardener	60	Onion Culture, by 20 Experienced Growers	paper 20
Farming with Green Manures, by C. Harlan	1 00	Our Farm of Four Acres	paper 30
First Book of Forestry, by Filibert Roth	1 00	Poultry Manual, by F. L. Sewell and I. E. Tilson	50
Gardening for Profit, by Peter Henderson	1 50	Practical Floriculture, by Peter Henderson	1 50
Ginseng, Cultivation and Marketing, by M. G. Kains	50	Quinby's New Bee Keeping, by L. C. Root	1 00
Grape Culturist, The, by A. S. Fuller	1 50	Silos, Ensilage and Silage, by Manly Miles	50
Grasses and How to Grow Them, by Prof. Thos. Shaw ..	1 50	Strawberry Culturist, The, Illustrated, by A. S. Fuller ..	25
Gregory on Onion Raising	paper 30	The Language of Flowers, cloth 50c	paper 25
Hand Book for Fruit Growers, by F. R. Elliott	50	The New Egg Farm (large edition) by H. H. Stoddard ..	1 00
Hop Culture in the United States, by E. Meeker	1 50	The Rose; Ellwanger	1 25
How to Destroy Insects on Flowers and House Plants	paper 25	Tobacco Culture, by 14 Experienced Cultivators ..	paper 25
How to Grow Onions on Muck Soil, by C. C. Taylor; paper	10	Tobacco Leaf, by J. B. Killebrew and H. Myrick	2 00
Irrigation: Farm, Garden and Orchard, by H. Stewart ..	1 00	Vegetable Gardening, by S. B. Green	paper 50
Kalamazoo Celery; Its Cultivation and Secret of Success	paper 50	Weeds, How to Eradicate Them, by Prof. Thos. Shaw ..	50
		Willard's Practical Butter Book, by X. A. Willard	1 00

Our SEED ANNUAL for 1913 will be published about January 1, 1913, and will be mailed free to all applicants, and to customers of this year without ordering it. If your copy does not come early enough for your use, send for it.

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AUTUMN
1912

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